NATIONAL CANCER INSTITUTE

ANNUAL REPORT

July 1, 1974 - June 30, 1975

Part IV

DIVISION OF CANCER CONTROL AND REHABILITATION

U.S. NATIONAL CANCER INSTITUTE

ANNUAL REPORT

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ANNUAL REPORT

DIVISION OF CANCER CONTROL AND REHABILITATION

July 1, 1974 - June 30, 1975

DIRECTOR'S REPORT

Cancer Control is mandated by the National Cancer Act of 1971 to ensure the rapid translation of existing information and the new leads emerging from research into community practice. Originally organized as a program in the OD-NCI, the National Cancer Institute elevated its cancer control efforts to a divisional status in 1974. Divisional status was approved in September 1974. The importance of Cancer Control in the National Cancer Program was re-emphasized in mid-1974 with the updating of the National Cancer Plan, which designated cancer control as its second major mission, the first being research.

In the 9 months of its existence, the new Division has:

- Continued to develop, implement and evaluate all cancer control and rehabilitation programs of the National Cancer Program to coordinate an assault on the incidence, morbidity and mortality from cancer.

- Reorganized into a Divisional structure allowing that the traditional intervention activities be supported by new functions which make possible an orderly system of identifying, field testing, demonstrating, evaluating, and promoting the latest cancer control knowledge.

- Administered funding through both grants and contracts.

- Established a Cancer Control Communications Network in all 17 Comprehensive Cancer Centers which provides every community in the nation with immediate access to up-to-date information on cancer.

- Taken the initiative to fund over 200 grants and contracts in every region of the nation to assure use of cancer control knowledge.

- Initiated a program in rehabilitation research. Except for research in rehabilitation, DCCR does not support research to develop new methods and techniques.

- Began an industrial program which monitors workers for prevention of the effects of exposure to carcinogens.

- Improved the early detection rate for women with breast cancer.

- Completed Pap tests on approximately 500,000 women, many of whom had never had a test.

Although Cancer Control is in its third year of operation as a program area of the National Cancer Institute, it is only in the past 2 years that funding levels have been sufficient enough to permit major program activities, and it is only during this fiscal year that a fully integrated organizational capability has existed. DCCR has committed its allocated FY 1975 budget of $50 million.

Despite this brief existence, the Division has received recognition for fulfilling its obligation to get research findings to communities and physicians. This year the Division received the Gerard B. Lambert Award for its sponsorship of professional education and demonstrations through the Cancer Control Treatment project. These programs, established for acute childhood leukemia and lymphoma, have been sending out specially trained doctors, nurses, and technicians to deliver knowledge to groups of doctors and hospital staffs through seminars, lectures, tumor clinics and special consultations. In the past year, cancer experts have served as "circuit riders" bringing information about new treatments and diagnostic procedures to doctors in small towns and cities.

Concern for reaching out into the community was also evident in the accelerated efforts of the Division to establish the new community-based cancer control programs, often referred to as the "saturation program." The program involves selected communities in producing a coordinated effort against cancer which includes public medical schools, cancer centers, private physicians, voluntary groups such as the American Cancer Society, and state and local health departments. These communities must have in operation a population-based cancer data system. The long-term mobilization of medical and lay capabilities and resources relies upon the use of new cancer control knowledge by the health community and the motivation of the public to adopt new health practices. Cost-sharing is a requirement of the saturation program, with communities participating on a 50-50 matching basis as their programs become fully operational. Final review of proposals occurred near the end of the fiscal year.

To support communities in their efforts to undertake effective cancer control projects, the Division funded 17 Cancer Control Communications Offices in the Comprehensive Cancer Centers. A primary feature of this program will enable the Cancer Centers to extend their reach until it meets the needs of all 50 states. The newly installed WATS system to the Cancer Centers will be of particular value to the public and health professionals, who are assured of a quick response to questions they may have about cancer.

Among the nearly 200 cancer control activities funded by the Division, the 27-city breast cancer detection projects jointly funded by DCCR and the ACS have produced the most vivid results to date. Through the use of mammography, thermography and clinical examination, 77 percent of the women found to have cancer were detected in the early stage. This compares favorably with the usual 50 percent early detection rate.

The Division continued to work closely with other health organizations, especially in screening projects. One such project, conducted with state health departments, had provided Pap tests for approximately 500,000 women by the end of the fiscal year. Data for evaluation purposes became available late in the fiscal year and will be analyzed to determine if the program is reaching those at greatest risk.

The Division is now directing control projects which demonstrate how to care for a patient's entire needs for cancer rehabilitation, including psychosocial rehabilitation and the training of professional personnel in rehabilitation techniques. The restoration of a cancer victim to as near normal a state as possible deals not only with the patient but with the institutions and individuals which influence his life. New at-home rehabilitation programs were funded in late fiscal year 1975 and a study of employer attitudes toward hiring or reinstating cancer patients was undertaken as a prelude to changing negative attitudes.

As a basic first step in preventing cancer, the Division encourages an extensive cancer education program. A contract was entered into with the National Clearinghouse for Smoking and Health in an attempt to learn why teenagers smoke and to discover more effective methods of discouraging them from smoking. A series of seminars with eight different industrial groups is exploring ways to minimize exposure to carcinogens.

Several major meetings were sponsored by DCCR during FY 1975. DCCR sponsored the meeting on "Cancer Control and the Behavioral Sciences" in San Antonio, Texas on January 20-22, 1975, which attracted dozens of specialists in oncology, psychiatry, psychology, sociology, etc. to explore behavioral considerations as they relate to cancer control. It was the first such conference convened to explore the state-of-the-art in behavior.

In December 1974, DCCR jointly sponsored with DCCP and ACS the workshop on "Persons at High Risk of Cancer: An Approach to Cancer Etiology and Control" in Key Biscayne, Florida. The workshop examined the state-of-the-art on risk factors for both cancer control and research. Proceedings of this workshop and of the behavioral meetings will be published shortly in monograph form for wide distribution. Additionally, the Third World Conference on Smoking and Health was held in New York City on June 2-5, 1975. This meeting was jointly sponsored by DCCR and ACS.

The Division expanded its inquiry into cancer control techniques to the Soviet Union in 1975. Representatives of the Division participated in meetings in Leningrad in May 1975 to explore the development of mutual exchange programs between the two nations in cancer control.

The reorganization of cancer control and rehabilitation into a Division of the National Cancer Institute provided an opportunity to add new functions which can help stimulate and organize public support for and participation in the intervention programs. The Division is now composed of three main program activities: Supportive Services, Intervention Programs and Community Activities, each with an Associate Director.

Supportive Services provides those activities common to all Divisional activities and includes planning and evaluation services, resources, communications, and liaison. The Intervention area is concerned with field testing and evaluating all new or existing technologies in limited community settings. The Community Activities takes responsibility for demonstrating proven and practical techniques in large community efforts. Within this organizational framework, a unified approach to a total cancer control program is possible since new channels of communication with a variety of audiences have been opened.

Each of the three main program segments are assisted by a Technical Review Committee made up of non-government experts who provide scientific peer review for contracts. The grant applications submitted to the Division of Cancer Control and Rehabilitation (DCCR) are reviewed by the grant study section. The Cancer Control and Rehabilitation Advisory Committee (CCRAC) continues as the Division's advisory body. To assist the CCRAC, two special working groups have been organized. The first, on reimbursement, is to develop information on payment to aid DCCR contractors and grantees to develop self-support at the termination of Federal funding. The second, on prevention, will advise on new approaches to cancer control prevention.

The Office of Committee and Review Activities (OCRA) is a part of the Office of the Director (OD), DCCR, and is responsible for the management of the Division of Cancer Control and Rehabilitation's Advisory Committee and its subcommittees, the technical review committees, and all other DCCR review programs; the provision of advice, guidance, and direction to universities, medical institutions, and individual scientists, relative to contract support for cancer control and rehabilitation activities; and advises on the implementation of the legislative requirements of DHEW and NIH rules and regulations as they apply to all conferences, seminars and other types of meetings sponsored by the Division. Further, the OCRA is responsible for program planning, development, evaluation and assessment activities related to committee management and the contract review processes and procedures.

During FY 1975, the CCRAC appointed a working group to study the problems of reimbursement so as to develop information to assist contractors and grantees to become self-supporting at the termination of Federal funding. A second Working Group on Prevention Activities was appointed to advise on new approaches to cancer control prevention. Each has held the first of a series of meetings. The three DCCR technical review committees — the Cancer Control Supportive Services Review Committee, the Cancer Control Intervention Programs Review Committee and the Cancer Control Community Activities Review Committee — reviewed a total of 258 contract proposals and assisted in conducting 160 site visits. More than 100 projects were recommended for contract negotiations during this fiscal year.

A second major office in the Office of the Director, DCCR, is the Office of Grant Coordinator (OGC). This office maintains liaison between the Division of Research Grants (DRG), Division of Cancer Research Resources and Centers (DCRRC) and Division of Cancer Control and Rehabilitation (DCCR) in all matters relating to DCCR grants. Though grants are coordinated in this office, programmatic responsibility resides in the operating Division segments. Grant guidelines were published in June 1974 and will be updated by publication in the *NIH Guide to Grants and Contracts* in August 1975.

INTERVENTION PROGRAMS

The Intervention Programs are responsible for: (1) field testing and evaluating new or improved cancer intervention techniques and methods, and (2) demonstrating proven techniques and methods for proper cancer patient management on a limited scale for patients not "at risk." When shown to be feasible, practical, beneficial, and acceptable for both patient and medical practitioner after adequate evaluation, these cancer control intervention methods can then be applied on a much wider scale in community program settings.

These program responsibilities are met and achieved through the efforts of three branches: the Prevention Branch; the Detection, Diagnosis and Pretreatment Evaluation Branch; and the Treatment, Rehabilitation and Continuing Care Branch, which corresponds in structure to the recommended outline design of the Cancer Control Program Planning Conference held in September 1973.

Intervention Programs' activities are carried out by both the contract and grant mechanisms. Five grants are administered through the Associate Director's office. A detailed summation of the various Branch activities follows.

PREVENTION BRANCH

Prevention is one of the key elements of the Cancer Control Program. The prevention of cancer involves prevention from occurrence of those events which lead to irreversible effects ultimately culminating in tumor induction. Cancer prevention also is the systematic advancement of knowledge of the causative factors of the disease and the reduction of the occcurrence of the disease by assuring that the practical and effective methods and techniques of reducing exposure to carcinogenic agents are made available to and used by the health professions and the general public. The Division of Cancer Control and Rehabilitation (DCCR) cancer prevention programs are directed toward the recognition of the active agent, identification of those at risk, development of procedures for reduction of exposure to the agent through a variety of mechanisms, and, finally, the development of programs so goals can be set and each project evaluated.

During FY 1975, the Prevention Branch continued to fund selected health education and smoking cessation programs conducted by the Bureau of Health Education, CDC, in Atlanta. Under this program, the fourth National Teenage Survey on Smoking was completed. DCCR analyzed and interpreted the data. In addition, an Adult National Survey on Smoking was started. The Branch co-sponsored with the American Cancer Society, the Third World Conference on Smoking and Health. The proceedings will be published as a monograph at the end of FY 1976.

Another activity of the Branch was a national survey of the legislative initiatives and legal constraints at the Federal, state and local phase of this survey is currently underway. It is anticipated that four loose-leaf volumes will be generated by the end of January 1976. This may be a continuing program with new laws added as they are enacted.

A health education cervical cytology demonstration program in a Southwest population involving both preventive health information and screening of Indian women at high risk to cervical and uterine cancer was implemented. This program stresses prevention and detection of precancerous and cancerous lesions through an extended prevention education program.

MONITORING HIGH RISK POPULATIONS

A medical demonstration and prevention program was initiated among the asbestos workers in Tyler, Texas. It provides medical surveillance and health education to both the workers and their families, which assures earlier detection of precancerous lesions and early lung cancer.

Another medical surveillance program for workers exposed to vinyl chloride in Louisville, Kentucky was initiated late in FY 1975. The purpose of the medical surveillance programs on persons at high risk is to develop appropriate models for monitoring populations exposed to

carcinogens as well as identifying those conditions and procedures which will provide early warning of an impending malignancy. Continued medical surveillance of other selected propulations who have been exposed to occupational carcinogens will continue to receive emphasis during the coming year.

A major extension of the carcinogen control program was implemented at the end of FY 1975. This program specifically addresses the problem of how to reduce the burden of environmentally caused, associated or aggravated cancer. The project includes a survey of chemical carcinogens and development of control and intervention measures. The strategies for the designated carcinogens will be in the form of monographs.

Six radiological physics centers were established for regional coordination of medical physics practice in cancer diagnosis and treatment. The Branch also has responsibility for the control and reduction of radiation hazards by appropriate radiologic safety procedures in the facilities and equipment used in the cancer detection and treatment programs. The planning, promotion, and administering of radiologic safety and education programs are a major part of this responsibility. A part of this program also includes the development of new methods, techniques, and instruments for use in the medical physics applications during diagnostic and therapeutic radiation procedures.

An occupational cancer and information alert program was implemented through an inter-agency agreement with the Occupational Safety and Health Administration (OSHA) of the U. S. Department of Labor, and the National Institutes of Safety and Health (NIOSH). OSHA has the primary function of providing information and education in the field of occupational health to 80 million workers in the United States. It is through this mechanism that information and training about cancer for the workers of the U. S. A. will be implemented. Representative carcinogens will be studied and the technical aspects of exposure examined by a select committee of the National Academy of Sciences. The workers' knowledge of exposure and risk will be determined and target audiences for the occupational cancer information and alert programs will be identified. Additionally, training programs, training aids and textbooks will be developed for use by OSHA in training industrial managers, workers, and the OSHA nationwide staff of inspectors and industrial hygienists in occupational cancer control and prevention.

A "Workshop on Persons at High Risk of Cancer: An Approach to Cancer Etiology and Control" was held in mid-FY 1975 to identify groups of people at high risk to cancer, including suggestions for etiology and cancer control. A monograph was published and disseminated. Successful workshops, symposia and working conferences for reviewing, evaluating and disseminating cancer prevention information are being scheduled for FY 1976. An industrial stewardship program with regard to cancer risks from chemical manufactures will be initiated in FY 1976 and will continue

for 2 years. During this period, eight seminars will be conducted with selected industries in various geographic areas to enhance industry's understanding of the risk to society of occupational exposure to selected carcinogens. Appropriate areas for cancer intervention will be identified and the development of positive prevention attitudes and practices will be enhanced through the seminars.

CONTRACT SUMMARY

1. Title: Health Educational Cytological Demonstration Project for Southwest American Indian Population

2. Principal Investigator: Dr. Scott W. Jordan
   Albuquerque, New Mexico 87106

3. Performing Organization: University of New Mexico School of Medicine

4. Contract Number: 45071

5. Starting Date: 3/15/74 6. Expiration Date: 3/14/77

7. Objective: Implementation of a cervical cancer detection project to provide diagnostic cytology and treatment programs and education related to cancer of the uterine-cervix for the Navaho Indians and defined population of medically indigent non-Indians. The function of the proposed project in the area of treatment would be to ensure that patients have been contacted by the Indian Health Service to arrange for treatment, receive treatment, and collect treatment and follow-up data.

8. Proposed Course: Letter of agreement reached with Indian Tribal Headquarters. Training of Indian health medics undertaken. Health education of tribe agreed upon before starting.

9. Progress: Completed 25,205 Pap smears and examinations first year. First comparative study of Indian Pap results to SEER base done. Education program underway.

10. Significance for Cancer Control Program: To identify preventive methods of cancer in the female genitals.

    National Cancer Plan Objective: 1 Approaches: 1.1, 1.3

11. Project Officer: Dr. Robert L. Woolridge

12. FY 1975 Funds: $82,744

CONTRACT SUMMARY

1. Title: Survey of Cancer Control Laws

2. Principal Investigators: G. Seifert; J. Benyan
   11600 Nebel Street
   Rockville, Maryland 20852

3. Performing Organization: Health Law Center
   Aspen Systems Corporation

4. Contract Number: 45117

5. Starting Date: 6/1/74 6. Expiration Date: 1/31/76

7. Objective: Collect, review, catalog and analyze present legislation (Federal, state and local) pertaining to cancer control activities in the areas of cause and prevention, detection, treatment, rehabilitation education and training. Prepare for continuing survey of newly enacted legislation or proposed and significant actions based on legislation.

8. Proposed Course:

9. Progress: Completed Phases one and two in satisfactory manner. Working on Phase three. Delivery date is January 1976.

10. Significance for Cancer Control Program: To identify legislative initiatives and legal constraints which apply to the cancer control program.

    National Cancer Plan Objective: 1 Approach: 1.1

11. Project Officer: Dr. Robert L. Woolridge

12. FY 1975 Funds: $19,742

CONTRACT SUMMARY

1. Title: Intra-Agency Agreement Study of Carcinogenic Effects of Smoking

2. Principal Investigator: Horace Ogden
CDC
1600 Clifton Road
Bethesda, Maryland 20016

3. Performing Organization: Bureau of Health, Education Center for Disease Control
Public Health Services
Atlanta, Georgia

4. Contract Number: 40001

5. Starting Date: 7/1/73 6. Expiration Date: 6/30/76

7. Objective: The Bureau of Health Education will maintain, evaluate and report on programs, contracts, purchase orders and other appropriate mechanisms to: 1) develop smoking education activities carried on by professional health workers; 2) continue to assess San Diego community organization project; 3) carry on and evaluate the techniques developed for smoking education in schools; 4) evaluate public education programs; and 5) develop a systematic documentation of accomplishments.

8. Proposed Course: In September 1975, a cooperative peer review will be used to analyze progress to date and to possibly set future courses to follow. Advice and recommendations will be given to both sides.

9. Progress: Two annual reports have been submitted. Fourth annual teenage survey of smoking completed, tabulated and analyzed. Currently working on adult national survey.

10. Significance for Cancer Control Program: To identify, demonstrate and promote preventive methods in the lung and urinary tract.

National Cancer Plan Objective: 1 Approaches: 1.1, 1.6

11. PRoject Officer: Dr. Robert L. Woolridge

12. FY 1975 Funds: $753,900

CONTRACT SUMMARY

1. Title: A Survey of Exposure to Chemical Carcinogens and Recommended Control and Intervention Programs

2. Principal Investigator: Dr. David P. Discher
   Director
   Center for Occupational and Environmental Safety and Health
   Stanford Research Institute
   Menlo Park, California 94025

3. Performing Organization: Stanford Research Institute

4. Contract Number: 55176

5. Starting Date: 6/30/75 6. Expiration Date: 6/29/77

7. Objective: To identify several key carcinogens which warrant particular control activity and to recommend a practical cancer control and prevention program.

8. Proposed course: Develop strategies for carcinogens which can be used as a model in various activities involved with cancer prevention.

9. Progress: Contract has recently been let. Planning underway.

10. Significance for Cancer Control Program: Concern for identification and evaluation of practical methods for reducing exposure to carcinogenic agents, reducing exposure of individuals, reducing availability of agents and substitution or modification of agents.

    National Cancer Plan Objective: 1 Approach: 1.2

11. Project Officer: Dr. Winfred F. Malone

12. FY 1975 Funds: $1,598,530

CONTRACT SUMMARY

1. Title: Tyler Asbestos Workers Study

2. Principal Investigator: Texas Chest Foundation

3. Performing Organization: East Texas Chest Hospital
Tyler, Texas

4. Contract Number: 45066

5. Starting Date: 6/6/74

6. Expiration Date: 3/31/79
(Renewal)

7. Objective: To follow the 850 asbestos workers every 6 months for the detection of precancerous lesions or early carcinoma of the lung. To deliver appropriate intervention therapy and to provide appropriate cancer education to the population, e.g., explanation of disease, need for early deteciton, need for appropriate treatment, etc.

8. Proposed Course: Each family will be followed closely by a social worker and public health nurse and will undergo a thorough cancer education program on the need for early detection and treatment of lung cancer. Routine physical examinations will be given to the study population (workers) to detect precancerous lesions in the lungs of workers and appropriate treatment will be provided when necessary.

9. Progress:

10. Significance for Cancer Control Program: To identify, demonstrate and promote preventive methods.

National Cancer Plan Objective: 1 Approaches: 1.1, 1.3

11. Project Officer: Robert L. Woolridge, D.Sc.

12. FY 1975 Funds: $300,000

CONTRACT SUMMARY

1. Title: Southern Center for Radiological Physics

2. Principal Investigator: Dr. Robert J. Shalek
   6723 Bertner Avenue
   Houston, Texas 77025

3. Performing Organization: University of Texas System Cancer Center

4. Contract Number: 45150

5. Starting Date: 6/5/75 6. Expiration Date: 6/5/76

7. Objective: Establish Radiological Physics Center to provide radiological physics capabilities for ongoing DCCR projects.

8. Proposed Course: To eventually become a self-sustaining program.

9. Progress:
   a. Provided review of physics capabilities for several DCCR diagnostic and therapeutic programs throughout the country.
   b. Provided calibrations of radiotherapy units.
   c. Measured dose and provided advice on several protocols.
   d. Conducted several seminars and visited all project sites on a routine basis.

10. Significance for Cancer Control Program: Ensuring that physics aspects of cancer diagnostic and treatment protocols in community hospitals are equivalent to that obtainable in major cancer centers.

    National Cancer Plan Objective: 1 Approaches: 1.1, 1.5, 1.6

11. Project Officer: Dr. Winfred F. Malone

12. FY 1975 Funds: $138,385

CONTRACT SUMMARY

1. Title: Mideast Radiological Physics Center

2. Principal Investigator: Dr. Prakash Shrivastava
320 East North Avenue
Pittsburgh, Pennsylvania 15212

3. Performing Organization: Allegheny General Hospital

4. Contract Number: 45148

5. Starting Date: 6/5/75 6. Expiration Date: 6/5/76

7. Objective: Establish Radiological Physics Center to provide radiological physics capabilities for ongoing DCCR projects throughout the region.

8. Proposed Course: To eventually become a self-sustaining program.

9. Progress:
   a. Provided review of physics capabilities for several DCCR diagnostic and therapeutic programs throughout the country.
   b. Provided calibrations of radiotherapy units.
   c. Measured dose and provided advice on several protocols.
   d. Conducted several seminars and visited all project sites on a routine basis.

10. Significance for Cancer Control Program: Ensuring that physics aspects of cancer diagnostic and treatment protocols in community hospitals are equivalent to that obtainable in major cancer centers.

    National Cancer Plan Objective: 1 Approaches: 1.1, 1.5, 1.6

11. Project Officer: Dr. Winfred F. Malone

12. FY 1975 Funds: $156,400

CONTRACT SUMMARY

1. Title: Southwestern Center for Radiological Physics

2. Principal Investigator: Dr. George R. Hendee
   4200 East Ninth Avenue
   Denver, Colorado 80220

3. Performing Organization: University of Colorado Medical Center

4. Contract Number: 45160

5. Starting Date: 6/5/75 6. Expiration Date: 6/5/76

7. Objective: Establish Radiological Physics Center to provide radiological physics capabilities for ongoing DCCR projects throughout the region.

8. Proposed Course: To eventually become a self-sustaining program.

9. Progress:
   a. Provided review of physics capabilities for several DCCR diagnostic and therapeutic programs throughout the country.
   b. Provided calibrations of radiotherapy units.
   c. Measured dose and provided advice on several protocols.
   d. Conducted several seminars and visited all project sites on a routine basis.

10. Significance for Cancer Control Program: Ensuring that physics aspects of cancer diagnostic and treatment protocols in community hospitals are equivalent to that obtainable in major cancer centers.

    National Cancer Plan Objective: 1 Approaches: 1.1, 1.5, 1.6

11. Project Officer: Dr. Winfred F. Malone

12. FY 1975 Funds: $99,930

CONTRACT SUMMARY

1. Title: Northwest Radiological Physics Centers

2. Principal Investigator: Peter Wootton
University Hospital, RC-08
Seattle, Washington 98195

3. Performing Organization: University of Washington

4. Contract Number: 45158

5. Starting Date: 6/5/75 6. Expiration Date: 6/5/77

7. Objective: Establish Radiologic Physics Center to provide radiological physics capabilities for ongoing DCCR projects throughout the region.

8. Proposed Course: To eventually become a self-sustaining program.

9. Progress:
   a. Provided review of physics capabilities for several DCCR diagnostic and therapeutic programs throughout the country.
   b. Provided calibrations of radiotherapy units.
   c. Measured dose and provided advice on several protocols.
   d. Conducted several seminars and visited all project sites on a routine basis.

10. Significance for Cancer Control Program: Ensuring that physics aspects of cancer diagnostic and treatment protocols in commuity hospitals are equivalent to that obtainable in major cancer centers.

    National Cancer Plan Objective: 1 Approaches: 1.1, 1.5, 1.6

11. Project Officer: Dr. Winfred F. Malone

12. FY 1975 Funds: $116,845

CONTRACT SUMMARY

1. Title: Northeast Center for Radiological Physics

2. Principal Investigator: Dr. John S. Laughlin
Memorial Hospital for Cancer
and Allied Diseases
444 East 68th Street
New York, New York

3. Performing Organization: Memorial Hospital for Cancer and
Allied Diseases

4. Contract Number: 45057

5. Starting Date: 6/5/75 6. Expiration Date: 6/5/76

7. Objective: Establish Radiological Physics Center to provide radiological physics capabilities for ongoing DCCR projects throughout the region.

8. Proposed Course: To eventually become a self-sustaining program.

9. Progress:
a. Provided review of physics capabilities for several DCCR projects throughout the region.
b. Provided calibrations of radiotherapy units.
c. Measured dose and provided advice on several protocols.
d. Conducted several seminars and visited all project sites on a routine basis.

10. Significance for Cancer Control Program: Ensuring that physics aspects of cancer diagnostic and treatment protocols in community hospitals are equivalent to that obtainable in major cancer centers.

11. Project Officer: Dr. Winfred F. Malone

12. FY 1975 Funds: $148,473

CONTRACT SUMMARY

1. Title: Midwest Center for Radiologic Physics

2. Principal Investigator: Dr. John R. Cameron
1860 Van Hise Hall
Madison, Wisconsin 53706

3. Performing Organization: Board of Regents, University of Wisconsin

4. Contract Number: 45152

5. Starting Date: 6/5/75 6. Expiration Date: 6/5/76

7. Objective: Establish Radiological Physics Center to provide radiological physics capabilities for ongoing DCCR projects throughout region.

8. Proposed Course: To eventually become a self-sustaining program.

9. Progress:
   a. Provided review of physics capabilities for several DCCR diagnostic and therapeutic programs throughout the region.
   b. Provided calibrations of radiotherapy units.
   c. Measured dose and provided advice on several protocols.
   d. Conducted several seminars and visited all project sites on a routine basis.

10. Significance to Cancer Control Program: Ensuring that physics aspects of cancer diagnostic and treatment protocols in community hospitals are equivalent to that obtainable in major cancer centers.

    National Cancer Plan Objective: 1 Approaches: 1.1, 1.5, 1.6

11. Project Officer: Dr. Winfred F. Malone

12. FY 1975 Funds: $169,000

CONTRACT SUMMARY

1. Title: Coordination Program for Radiological Physic Centers

2. Principal Investigator: Ms. Meurk
Suite 307
6900 Wisconsin Avenue
Chevy Chase, Maryland

3. Performing Organization: American Association of Physicists in Maryland

4. Contract Number: 45162

5. Starting Date: 6/23/75 6. Expiration Date: 6/23/76

7. Objective: To coordinate the activities of the six regional radiologic physics centers.

8. Proposed Course: Establish programs which will become self-sustaining at a future time.

9. Progress: Has developed uniform methods, standards and records for radiation physics aspects of several diagnostic and therapeutic procedures.

10. Significance to Cancer Control Program: The program shall develop an administrative capacity to provide coordination of the Centers for Radiological Physics in their development and maintenance of a comprehensive medical physics review program for the DCCR cancer control programs involving the use of radiation for the detection and treatment of cancer.

National Cancer Plan Objective: 1 Approaches: 1.1, 1.5, 1.6

11. Project Officer: Dr. Winfred F. Malone

12. FY 1975 Funds: $207,236

CONTRACT SUMMARY

1. Title: Third World Conference on Smoking and Health

2. Principal Investigator: Henry Milt
   219 East 42nd Street
   New York, New York 10017

3. Performing Organization: American Cancer Society, Inc.

4. Contract Number: 35010

5. Starting Date: 6/30/73 6. Expiration Date: 8/31/75

7. Objective: The purpose of this conference was to review the developments of the past few years in all sectors of anti-smoking activity throughout the world.

8. Course Taken: Contractor provided financial accounting, furnished all necessary labor and materials, and managed the conduct of a working conference.

9. Progress: Conference completed on June 4, 1975. Summary report will be published and distributed.

10. Significance for Cancer Control Program: To promote preventive methods in the lung and urinary tract.

    National Cancer Plan Objective: 1 Approaches: 1.1, 1.6

11. Project Officer: Dr. Robert L. Woolridge

12. FY 1975 Funds: $59,600

CONTRACT SUMMARY

1. Title: Occupational Cancer Information and Alert Program

2. Principal Investigator: Dr. Roger Penn
Division of Education Programs
Office of Training and Education
U. S. Department of Labor
200 Constitution Avenue
Washington, D.C. 20210

3. Performing Organization: U. S. Department of Labor
Occupational Safety and Health Administration

4. Contract Number: Interagency Agreement

5. Starting Date: 6/12/75 6. Expiration Date: 6/12/77

7. Objective: To provide for review of scientific information on occupationally-related cancer and to develop a plan for incorporating the information into an educational program aimed at reducing the incidence of cancer.

8. Proposed Course: During first year a review of selected carcinogens by National Academy of Sciences to a) determine extent of manufacture and use; b) determine extent to which worker is acquainted with and comprehends the risk of occupational exposure; and c) recommend general content, manner of presentation, and target audience. A symposium will be conducted to assure mobilization of best information on occupational cancer education. During subsequent periods, films and training materials will be prepared.

9. Progress:

10. Significance for Cancer Control Program: To develop public information on the control and prevention of cancer.

National Cancer Plan Objective: 1 Approaches: 1.4, 1.5

11. Project Officers: Dr. Winfred F. Malone and Dr. Robert W. Woolridge

12. FY 1975 Funds: $770,590

CONTRACT SUMMARY

1. Title: Implementation and Assessment of a Demonstration Cancer Control Detection and Prevention Program in a Cohort of Industrial Workers

2. Principal Investigator: Dr. Carlo H. Tamburro
Associate Professor
University of Louisville Foundation
2301 South Third Street
Louisville, Kentucky 40208

3. Performing Organizations: University of Louisville Foundation

4. Contract Number: N01-CN-55212

5. Starting Date: 6/23/75 6. Expiration Date: 6/23/76

7. Objective: To provide a demonstration and comprehensive program to reduce chemical exposure related injury in a cohort of industrial workers.

8. Proposed Course: Development of a prototype demonstration model for the health surveillance of industrial workers.

9. Progress:

10. Significance for Cancer Control Program: Initiate projects designed to mobilize cancer detection facilities and equipment and to make it available to health professionals.

National Cancer Plan Objective: 1 Approaches: 1.1, 1.3

11. Project Officer: Dr. Winfred F. Malone

12. FY 1975 Funds: $875,117

GRANT SUMMARY

1. Title: American Health Foundation Cancer Control and Prevention Program

2. Principal Investigator: Dr. Peter Peacock
Medical Director
American Health Foundation
1370 Avenue of the Americas
New York, New York 10019

3. Performing Organization: American Health Foundation
New York, New York

4. Grant Number: 17867

5. Starting Date: 6/30/75 6. Expiration Date: 8/31/75

7. Objective: Smoking education, motivation and cessation strategy, mini-screening programs for cancer in industry, grade and high school students.

8. Proposed Course:

9. Progress:

10. Significance for Cancer Control Program: To promote preventive methods for lung cancer.

National Cancer Plan Objective: 1 Approaches: 1.1, 1.3, 1.4

11. Project Officer: Dr. Robert L. Woolridge

12. FY 1975 Funds: $484,820

GRANT SUMMARY

1. Title: Clinical and Research Radiation Therapy in Cancer Care

2. Principal Investigator: Dr. Simon Kramer
   Professor and Chairman
   Department of Radiation Therapy
   and Nuclear Medicine
   Jefferson Medical College
   Thomas Jefferson University
   1025 Walnut Street
   Philadelphia, Pennsylvania 19107

3. Performing Organization: Thomas Jefferson Medical College
   Philadelphia, Pennsylvania 19107
   and
   The American College of Radiology
   20 North Wacker Drive
   Chicago, Illinois 60606

4. Grant Number: 15978

5. Starting Date: 3/1/75 6. Expiration Date: 2/28/77

7. Objective: The purpose of this project is to determine the feasibility of a study of the impact of research and training on the patterns and standards of radiation therapy in cancer management.

8. Proposed Course: This study will include: 1) an analysis of patterns and competence of radiation therapy as they exist today; 2) the establishment of standards of radiation therapy care; and 3) the establishment of guidelines for the organization of cancer management systems.

9. Progress: New grant.

10. Significance for Cancer Control Program: To evaluate and promote quality radiation therapy in the management of the cancer patient.

    National Cancer Plan Objective: C5 Approach: C5.2

11. Project Officer: Dr. James E. Hamner

12. FY 1975 Funds: $714,565

GRANT SUMMARY

1. Title: Cooperative Clinical Research in Community Hospitals

2. Principal Investigator: Dr. Daniel S. Martin
New York State Cancer Program Association
89-15 Woodhaven Boulevard
Woodhaven, New York 11421

3. Performing Organization: New York State Cancer Program Association
Woodhaven, New York

4. Grant Number: 16412

5. Starting Date: 6/1/74 6. Expiration Date: 5/31/75

7. Objective: The purpose of this study is to determine if groups of community physicians in community hospitals can improve cancer care in their respective areas.

8. Proposed Course: This study should promote cooperation between the New York State Cancer Program Association and three of the cooperative groups (ECOG, COG AND GOG) in the development of protocol studies which can be implemented in community hospitals.

9. Progress:

10. Significant for Cancer Control Program: To demonstrate and promote improved cancer care in a community setting.

National Cancer Plan Objective: C5 Approach: C5.2

11. Project Officer: Dr. James E. Hamner

12. FY 1975 Funds: $0

GRANT SUMMARY

1. Title: Regional Radiation Therapy Network Demonstration

2. Principal Investigator: Dr. James J. Fischer
   Professor and Chairman
   Department of Therapeutic Radiology
   Yale University School of Medicine
   333 Cedar Street
   New Haven, Connecticut 06570

3. Performing Organization: Yale University School of Medicine
   New Haven, Connecticut 06570

4. Grant Number: 17941

5. Starting Date: 6/30/75 6. Expiration Date: 6/29/78

7. Objective: The purpose of this project is to develop patterns of interaction between the radiation therapy facility at Yale University School of Medicine and outlying community hospitals to establish referral patterns and to improve cancer management.

8. Proposed Course: A regional network will be organized to bring to already high quality small community hospital radiation therapy departments those advantages inherent in a large research training center.

9. Progress: New grant.

10. Significance for Cancer Control Program: To ensure that high quality radiation therapy is made available in community hospitals.

    National Cancer Plan Objective: C5 Approach: C5.3

11. Project Officer: Dr. James E. Hamner

12. FY 1975 Funds: $140,394

GRANT SUMMARY

1. Title: An Investigation of Voice Change After Radiotherapy

2. Principal Investigator: Dr. Raymond H. Colton
   Assistant Professor of Otolaryngology
   and Communicative Sciences
   SUNY, Upstate Medical Center
   Weiskotten Hall, Room 89
   750 East Adams Street
   Syracuse, New York 13210

3. Performing Organization: SUNY, Upstate Medical Center
   Syracuse, New York 13210

4. Grant Number: 17962

5. Starting Date: 5/1/75 6. Expiration Date: 4/30/80

7. Objective: The purpose of this project is to document and quantify the acoustic characteristics of the voice of patients with carcinoma of the larynx as they undergo irradiation for control of the tumor.

8. Proposed Course: This project will obtain measurements of: 1) fundamental frequency; 2) phonational range; 3) pitch perturbation; 4) vocal intensity; and 5) acoustic spectra of various speech utterances prior to, during, and following radiotherapy. Approximately 100 patients with carcinoma of the vocal cord or other endolaryngeal sites will be studied longitudinally.

9. Progress: New grant.

10. Significance for Cancer Control Program: To provide additional prognostic indicators concerning the degree of rehabilitative success to be achieved by documenting the acoustic changes in the voice as a result of radiotherapy.

    National Cancer Plan Objective: C5 Approach: C5.3

11. Project Officer: Dr. James E. Hamner

12. FY 1975 Funds: $53,091

GRANT SUMMARY

1. Title: Exploratory Study, Clinical Investigation in Cancer Centers

2. Principal Investigator: Dr. James F. Donovan
Director
Kern Radiation Oncology Center
2 San Dimas Square
Bakersfield, California 93301

3. Performing Organization: Kern Radiation Oncology Center
Bakersfield, California 93301

4. Grant Number: 18031

5. Starting Date: 6/1/75 6. Expiration Date: 5/31/76

7. Objective: The purpose of this project is to explore the mechanisms and organization required to conduct clinical investigations on a multidisciplinary basis using protocols employing combined modalities in cooperation with the existing NCI-supported comprehensive cancer centers and collaborative groups.

8. Proposed Course: The study proposes to ascertain the feasibility of such a thing by making a study of the possible alternative mechanisms to organize the program.

9. Progress: New grant.

10. Significance for Cancer Control Program: To disseminate the latest, most effective therapeutic measures to community cancer centers.

National Cancer Plan Objective: C5 Approach: C5.2

11. Project Officer: Dr. James E. Hamner

12. FY 1975 Funds: $96,376

DETECTION, DIAGNOSIS AND PRETREATMENT EVALUATION BRANCH
DIVISION OF CANCER CONTROL AND REHABILITATION

NATIONAL CANCER INSTITUTE

TOWARD REDUCING THE CANCER DEATH TOLL

The primary goal of the Detection, Diagnosis, and Pretreatment Evaluation Branch (DDPEB) is the reduction of morbidity and mortality from all forms of cancer. An important element in reducing morbidity and mortality from cancer is detection of the disease at a very early stage of development before metastases have occurred. Prompt diagnostic work-up and thorough pretreatment evaluation then permit the administration of the most appropriate therapeutic regimen at a time when such treatment has the highest probability of success.

With present technology and skills, it is not possible to detect and diagnose all cancers at a sufficiently early stage of development to permit completely effective treatment. However, it is clear that much valuable knowledge about early cancer is not being fully or effectively utilized. Therefore, correction of deficiencies in both the availability and utilization of health maintenance modalities as applied to the control of cancer is being emphasized in the current programs of the DDPEB.

Thousands of the approximately 365,000 annual deaths from cancer in the United States could be prevented: (1) if the public (including both health providers and consumers) made efficient use of present knowledge and available techniques for the early detection of cancer; (2) if available diagnostic regimens were uniformly and rigorously applied; and (3) if the extent of disease were accurately determined by the appropriate application of advancing skills in a multidisciplinary approach to adequate pretreatment evaluation of the cancer patient.

The program strategies and plan of operation of the DDPEB are directed toward the attainment of the cancer control objectives of the National Cancer Program. Briefly, these are: (1) to perform continuous assessment of the knowledge and technology bases and to develop principles, guidelines, and criteria for optimal performance by health professionals; (2) to promote among health professionals the most practical and efficacious use of currently available methods and techniques of proved reliability for cancer screening/detection, diagnosis, and pretreatment evaluation; and (3) to encourage maximal utilization of cancer-related health services by populations at risk.

CURRENT PROGRAMS

The current programs in the DDPEB represent a four-step continuum of effort. The first phase involves the identification within the general population of those individuals (or populations) who are at high risk of having or developing cancer. The second and third steps consist of the application of specific detection/diagnostic tests and procedures which are intended to reveal specific abnormalities. The fourth step emphasizes comprehensive pretreatment evaluation and accurate staging of disease in order that the most effective therapeutic regimen can be applied.

The training and motivation of health professionals in applying available techniques is basic to the success of any program for the detection and diagnosis of cancer. Equally important is the education and motivation of the public to utilize fully the increasingly available cancer control services. Therefore, special training programs and demonstration activities are addressed to both the professional health community and to potential cancer victims. Currently, active training programs in the DDPEB include (1) the education and training of practicing radiologists and radiologic technicians in the use of physical examination, mammography, and thermography in the detection/diagnosis of breast cancer; and (2) the training of thermography technicians participating in the Breast Cancer Detection Demonstration Projects. The primary objectives of these training programs are to assure the timely dissemination of information and the rapid transfer of effective techniques from a research setting into practical community application.

CURRENT PROJECTS

Many of the current projects are aimed at promoting the widespread and effective use of presently available techniques for cancer screening/detection and diagnosis. Representative of these efforts are the 35 State Territorial Health Department Cervical Cancer Screening Projects. It has been estimated that approximately 78% of American women have had at least one Pap test. Many of those in the remaining segment represent those with the highest risk profiles for cervical cancer. Therefore, the primary objective of the cervical cancer screening programs is to determine the most efficient ways of reaching high-risk women whose past participation in screening programs has been adversely affected by a variety of circumstances. The goal is to define and demonstrate practical and effective intervention strategies which can be continued by local health providers. Nine other projects, entitled "Prototype Comprehensive Network Demonstration Projects for Head and Neck Cancer," have been established to develop and implement cancer control activities relating to the detection, diagnosis, pretreatment evaluation, treatment, and rehabilitation of patients with head and neck cancer. These projects, established at major cancer centers, are operated through networks of community hospitals, ensuring a multidisciplinary approach to total patient care.

Projects to field test, evaluate, and demonstrate the applicability of newer screening/detection techniques are represented by the ongoing Breast Cancer Detection Demonstration Projects (BCDDPs). The primary objective of the BCDDPs is to determine and compare the relative efficacies of physical examination, mammography (both film and xeroradiography), and thermography as early detection methods for occult breast cancer. Great emphasis is placed on patient follow-up and pretreatment evaluation of persons with cancer of the breast. A 10-year follow-up of persons screened during the program will provide for an assessment of the effect of the program on morbidity and mortality from breast cancer. Projects to field test and evaluate the detection of very early lung cancer are also being sponsored by the DDPEB. Screening/detection is being accomplished by sputum cytologic examination. Localization of suspected lesions and pretreatment evaluation are being accomplished by fiberoptic bronchoscopy as well as with other more conventional techniques.

The program of the DDPEB is entirely an extramural effort conducted by means of contracts and grants. Although no grants have been assigned to the Branch, several activities in detection, diagnosis, and pretreatment evaluation are being conducted under grants being administered by other segments of the DCCR. These activities are primarily concerned with the evaluation of endoscopic methods; the training of colposcopists; and the evaluation of methodologies to define persons at high risk of diseases. The contracts being administered by the DDPEB, some in cooperation with the Diagnosis Branch of the Division of Cancer Biology and Diagnosis, currently total 87.

PLANS FOR NEXT YEAR

Emphasis has been placed during this last fiscal year on staff assessments of the current state of knowledge and technologic capabilities for the detection, diagnosis, and pretreatment evaluation of the cancer patient. As a result of these efforts, it is planned in the next fiscal year to sponsor efforts designed to: (1) determine the efficacy of self-examination of the breast as a means of detecting early breast cancer; (2) determine the efficacy and practicality of newer procedures for detecting endometrial carcinoma in persons at presumed high risk of diseases; (3) develop, apply, and evaluate cancer prescreening methodologies and devices as a means of differentiating from the general population those individuals at high risk of either having or developing cancer; (4) develop DCCR pathology reference centers; and (5) sponsor an effort in the detection, diagnosis, and treatment of cutaneous malignant melanoma.

CONTRACT SUMMARY

Title: Mammography Training for the Early Detection of Breast Cancer

Principal Investigator: John R. Milbrath, M.D.
The Medical College of Wisconsin
561 North 15th Street
Milwaukee, Wisconsin 53233

Performing Organization: The Medical College of Wisconsin

Contract Number: 55247

Starting Date: 6/27/75 Expiration Date: 6/26/78

Objective: To expand the capabilities of participating radiologists and technicians for performing breast cancer screening examination utilizing the techniques of physical examination, mammography, and thermography.

Proposed Course: The contractor shall develop course plans and curricula, recruit trainees, and develop new or expand existing educational programs for the training of radiologists and radiology technicians in mammography, specimen radiography, and clinical examination of the breast. The programs shall be directed primarily toward the training of radiologists who have completed their residency requirements and who are engaged in practice and radiologic technicians supporting practicing radiologists. Fifty physicians and 75 technicians are to be trained during the first year of this 3-year program. Program evaluations are to be conducted in cooperation with the American College of Radiology.

Progress: New Contract

Significance for Cancer Control: An upsurge of interest and demand, stimulated by the Breast Cancer Detection Demonstration Projects, for expertise in the application screening techniques must be met by the training of appropriately qualified physicians and technicians.

National Cancer Program: Objective C2/C3: Approach C 2.5

Project Officer: James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $277,843

CONTRACT SUMMARY

Title: Mammography Training for the Early Detection of Breast Cancer

Principal Investigator: Dr. Margaret Abernathy
Georgetown Medical School
37th and O Streets, N. W.
Washington, D. C. 20007

Performing Organization: Georgetown University Medical School

Contract Number: 55251

Starting Date: 7/1/75 Expiration Date: 6/30/76

Objective: To expand the capabilities of health professionals, both participating radiologists and technicians, for performing breast cancer screening examination utilizing the techniques of physical examination, mammography, and thermography.

Proposed Course: The contractor shall develop course plans and curricula, recruit trainees, and develop new or expand existing educational programs for the training of radiologists and radiology technicians in mammography, specimen radiography, and clinical examination of the breast. The programs shall be directed primarily toward the training of radiologists who have completed their residency requirements and who are engaged in practice and radiologic technicians supporting practicing radiologists. Fifty physicians and 75 technicians are to be trained during the first year of this 3-year program. Program evaluations are to be conducted in cooperation with the American College of Radiology.

Progress: New Contract

Significance for Cancer Control: An upsurge of interest and demand, stimulated by the Breast Cancer Detection Demonstration Projects, for expertise in the application screening techniques must be met by the training of appropriately qualified physicians and technicians.

National Cancer Program: Objective C2/C3: Approach C 2.5

Project Officer: James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $149,750

CONTRACT SUMMARY

Title: Evaluation of Thermography in Mass Screening for Breast Cancer

Principal Investigator: Raymond Fink, M.D.
Health Insurance Plan of Greater New York
New York, New York 10022

Performing Organization: Health Insurance Plan of Greater New York

Contract Number: N01-CN-35021

Starting Date: 6/28/73 Expiration Date: 6/27/76

Objective: To evaluate the contribution thermography may make in increasing the effectiveness of Breast Cancer Screening Programs by determining if: (1) thermography can be used in lieu of mammography, (2) thermography increases the rate of breast cancer detection, and (3) thermography can be used to define population groups at high risk of breast cancer.

Proposed Course: Twenty thousand women will be screened by three methods: clinical examination, thermography, and mammography, each modality being evaluated independently. To obtain the study population, a random sample of all women aged 45-65 belonging to specified medical groups of HIP will be selected. All findings will be reviewed by medical coordinators, who will be responsible for follow-up medical recommendations. This project is being run in conjunction with Thomas Jefferson University (N01-CN-35027).

Progress: As of June 30, 1975, a total of 13,115 participants had received their initial screening examinations. This represents a 42.8% response rate for all women contacted for the study (minimum goal of 40% participation). Twenty-six confirmed cancers (observations among 8,138 women examined through February 1975) had been detected through May 1975. The percent of women recommended for biopsy and the rate of breast cancer detected are somewhat higher than in the HIP Mammography Study. The preliminary nature of the data does not permit analyses for the three major issues of the study.

Significance for Cancer Control: To determine, evaluate, and demonstrate effective methods for control of breast cancer.

National Cancer Program: Objective C2: Approach C2.2

Project Officers: Harvey Geller
James E. Hamner, D.D.S., Ph.D.

FY 1975 Funds: $1,121,352

CONTRACT SUMMARY

Title: Evaluation of Thermography in Mass Screening for Breast Cancer

Principal Investigator: John D. Wallace, M.D.
Thomas Jefferson University
Philadelphia, Pennsylvania 19107

Performing Organization: Thomas Jefferson University

Contract Number: N01-CN-35027

Starting Date: 6/28/73 Expiration Date: 6/27/76

Objective: To evaluate the contribution thermography may make in increasing the effectiveness of breast cancer screening programs by determining if: (1) thermography can be used in lieu of mammography, (2) thermography increases the rate of breast cancer detection, and (3) thermography can be used to define population groups at high risk of breast cancer.

Proposed Course: Twenty thousand women will be screened by three methods: clinical examination, thermography, and xerography, each modality being evaluated independently. To obtain the study population, women aged 45-64 from a variety of sources (American Cancer Society screenees, Bell Telephone Company employees, etc.) will be invited to participate. All findings will be reviewed by medical coordinators who will be responsible for follow-up medical recommendations. This project is being run in conjunction with the Health Insurance Plan of Greater New York (N01-CN-35021).

Progress: As of June 30, 1975, 16,345 participants had received initial and/or follow-up screening examinations. These examinations have revealed 516 suspicious findings, resulting in 92 aspirations and 203 biopsies. One hundred and two cancers have been confirmed. The preliminary nature of the data does not permit analyses for the three major issues of the study.

Significance for Cancer Control: To determine, evaluate, and demonstrate effective methods for control of breast cancer.

National Cancer Program: Objective C2: Approach C2.2

Project Officers: Harvey Geller
James E. Hamner, D.D.S., Ph.D.

FY 1975 Funds: $756,000

CONTRACT SUMMARY

Title: Mammography Training for the Early Detection of Breast Cancer

Principal Investigator: Richard H. Gold, M.D.
University of California
UCLA Center for Health Sciences
455 Hilgard Street
Los Angeles, California 90024

Performing Organization: UCLA Center for Health Sciences

Contract Number: 55248

Starting Date: 6/20/75 Expiration Date: 6/19/76

Objective: To expand the capabilities of health professionals, both participating radiologists and technicians, for performing breast cancer screening examination utilizing the techniques of physical examination, mammography, and thermography.

Proposed Course: The contractor shall develop course plans and curricula, recruit trainees, and develop new or expand existing educational programs for the training of radiologists and radiology technicians in mammography, specimen radiography, and clinical examination of the breast. The programs shall be directed primarily toward the training of radiologists who have completed their residency requirements and who are engaged in practice and radiologic technicians supporting practicing radiologists. Fifty physicians and 75 technicians are to be trained during the first year of this 3-year program. Program evaluations are to be conducted in cooperation with the American College of Radiology.

Progress: New Contract

Significance for Cancer Control: An upsurge of interest and demand, stimulated by the Breast Cancer Detection Demonstration Projects, for expertise in the application screening techniques must be met by the training of appropriately qualified physicians and technicians.

National Cancer Program: Objective C2/C3 Approach C 2.5

Project Officer: James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $100,799

CONTRACT SUMMARY

Title: Mammography Training for the Early Detection of Breast Cancer

Principal Investigator: Harold J. Isard, M.D.
Albert Einstein Medical Center
York and Tabor Streets
Philadelphia, Pennsylvania 19141

Performing Organization: Albert Einstein Medical Center

Contract Number: 55246

Starting Date: 6/27/75 Expiration Date: 6/26/78

Objective: To expand the capabilities of health professionals, both participating radiologists and technicians, for performing breast cancer screening examination utilizing the techniques of physical examination, mammography, and thermography.

Proposed Course: The contractor shall develop course plans and curricula, recruit trainees, and develop new or expand existing educational programs for the training of radiologists and radiology technicians in mammography, specimen radiography, and clinical examination of the breast. The programs shall be directed primarily toward the training of radiologists who have completed their residency requirements and who are engaged in practice and radiologic technicians supporting practicing radiologists. Fifty physicians and 75 technicians are to be trained during the first year of this 3-year program. Program evaluations are to be conducted in cooperation with the American College of Radiology.

Progress: New Contract

Significance for Cancer Control: An upsurge of interest and demand, stimulated by the Breast Cancer Detection Demonstration Projects, for expertise in the application screening techniques must be met by the training of appropriately qualified physicians and technicians.

National Cancer Program: Objective C2/C3 Approach C 2.5

Project Officer: James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $307,147

CONTRACT SUMMARY

Title: Mammography Training for the Early Detection of Breast Cancer

Principal Investigator: Robert L. Egan, M.D.
Emory University
1364 Clifton Road, N. E.
Atlanta, Georgia 30322

Performing Organization: Emory University

Contract Number: 55179

Starting Date: 6/27/75 Expiration Date: 6/26/78

Objective: To expand the capabilities of health professionals, both participating radiologists and technicians, for performing breast cancer screening examination utilizing the techniques of physical examination, mammography, and thermography.

Proposed Course: The contractor shall develop course plans and curricula, recruit trainees, and develop new or expand existing educational programs for the training of radiologists and radiology technicians in mammography, specimen radiography, and clinical examination of the breast. The programs shall be directed primarily toward the training of radiologists who have completed their residency requirements and who are engaged in practice and radiologic technicians supporting practicing radiologists. Fifty physicians and 75 technicians are to be trained during the first year of this 3-year program. Program evaluations are to be conducted in cooperation with the American College of Radiology.

Progress: New Contract

Significance for Cancer Control: An upsurge of interest and demand, stimulated by the Breast Cancer Detection Demonstration Projects, for expertise in the application screening techniques must be met by the training of appropriately qualified physicians and technicians.

National Cancer Program: Objective C2/C3: Approach C 2.5

Project Officer: James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $223,224

CONTRACT SUMMARY

Title: Mammography Training for the Early Detection of Breast Cancer

Principal Investigator: Gerald D. Dodd, M.D.
The University of Texas Systems Cancer Center
M. D. Anderson Hospital and Tumor Institute
6723 Bertner Avenue
Houston, Texas 77025

Performing Organization: M. D. Anderson Hospital and Tumor Institute

Contract Number: 55250

Starting Date: 6/28/75 Expiration Date: 6/27/76

Objective: To expand the capabilities of health professionals, both participating radiologists and technicians, for performing breast cancer screening examination utilizing the techniques of physical examination, mammography, and thermography.

Proposed Course: The contractor shall develop course plans and curricula, recruit trainees, and develop new or expand existing educational programs for the training of radiologists and radiology technicians in mammography, specimen radiography, and clinical examination of the breast. The programs shall be directed primarily toward the training of radiologists who have completed their residency requirements and who are engaged in practice and radiologic technicians supporting practicing radiologists. Fifty physicians and 75 technicians are to be trained during the first year of this 3-year program. Program evaluations are to be conducted in cooperation with the American College of Radiology.

Progress: New Contract

Significance for Cancer Control: An upsurge of interest and demand, stimulated by the Breast Cancer Detection Demonstration Projects, for expertise in the application screening techniques must be met by the training of appropriately qualified physicians and technicians.

National Cancer Program: Objective C2/C3: Approach C 2.5

Project Officer: James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $86,000

CONTRACT SUMMARY

Title: Mammography Training for the Early Detection of Breast Cancer

Principal Investigator: Rita F. Girolama, M.D.
New York Medical Center
Metropolitan Hospital Center
Fifth Avenue at 106th Street
New York, New York 10029

Performing Organization:

Contract Number: 55249

Starting Date: 6/28/75 Expiration Date: 6/27/76

Objective: To expand the capabilities of health professionals, both participating radiologists and technicians, for performing breast cancer screening examination utilizing the techniques of physical examination, mammography, and thermography.

Proposed Course: The contractor shall develop course plans and curricula, recruit trainees, and develop new or expand existing educational programs for the training of radiologists and radiology technicians in mammography, specimen radiography, and clinical examination of the breast. The programs shall be directed primarily toward the training of radiologists who have completed their residency requirements and who are engaged in practice and radiologic technicians supporting practicing radiologists. Fifty physicians and 75 technicians are to be trained during the first year of this 3-year program. Program evaluations are to be conducted in cooperation with the American College of Radiology.

Progress: New Contract

Significance for Cancer Control: An upsurge of interest and demand, stimulated by the Breast Cancer Detection Demonstration Projects, for expertise in the application screening techniques must be met by the training of appropriately qualified physicians and technicians.

National Cancer Program: Objective C2/C3: Approach C 2.5

Project Officer: James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $76,000

CONTRACT SUMMARY

Title: Coordination of Mammography Education Programs

Principal Investigator: Richard Lester, M.D.
Duke University Medical Center
Durham, North Carolina 27710

Performing Organization: American College of Radiology

Contract Number: 55177

Starting Date: 6/6/75 Expiration Date: 8/5/76

Objective: The ACR shall provide for management, coordination and evaluation of the seven mammography training centers being sponsored by the DCCR.

Proposed Course: The ACR functions shall be accomplished through the efforts of a "Mammography Education Program Coordination Group" (MEPCG) comprised of experts in radiology, pathology, surgery, radiation, physics, thermography, educational methodology and analysis of educational programs. The MEPCG shall be responsible for: (1) assisting the training centers in the development and implementation of the training programs; (2) assessing the objectives and methodologies employed in the training programs; (3) assisting in evaluation of the programs; (4) assisting with the procurement and exchange of teaching materials; and (5) assisting the NCI Project Officer with the monitoring of the educational programs.

Progress: New Contract. The MEPCG has held one meeting and plans are made for a meeting of the MEPCG and the Project Directors of the seven training programs in September 1975.

Significance for Cancer Control: This effort will help to ensure the highest standards and quality of training in methods for the early detection of breast cancer.

National Cancer Program: Objective C2/C3: Approach C 2.5

Project Officer: James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $131,321

CONTRACT SUMMARY

Title: Cytological Demonstration Project for SW American Indian Population

Principal Investigator: Scott W. Jordan, M.D.
Albuquerque, New Mexido 87106

Performing Organization: University of New Mexico
School of Medicine

Contract Number: 45071

Starting Date: 3/15/74 Expiration Date: 3/14/77

Objective: To determine, demonstrate and promote practical and effective modalities for cervical cancer screening in Navajo Indians and a defined population of medically indigent non-Indians. To determine the significance of the various degrees of dysplasia as risk factors in cervical cancer. To educate paramedical personnel in the conduct of the programs; educate and motivate presumably high-risk individuals to participate in the program.

Proposed Course: This project will be accomplished in cooperation with the Indian Tribal Councils and the Indian Health Services of the P.H.S. The contractor will provide for cervical cancer screening and all data management. Coordination, education and liaison will be provided by Tribal representatives. Treatment, rehabilitation and continuing care will be provided by the agency responsible for the Indians' medical care.

Progress: Approximately 31,000 Pap smears and examinations had been completed by June 1975. Data storage and processing systems have been developed and are now on-line at facilities provided by the New Mexico Cancer Research and Treatment Center. Approximately 50% of the cytology case backlog has been entered in the computer base. Coordination efforts with the Navajo Tribal Office and recruitment of patient contactors has not been satisfactorily resolved. The coordination efforts with the Albuquerque Area Indian Health Service and its patient contactor have been satisfactory.

Significance for Cancer Control: To determine, demonstrate, and promote effective methods for cervical cancer control and to correlate various stages of cellular dysplasia with risk of developing cancer.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.3, C 2.6

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $82,744

CONTRACT SUMMARY

Title: A Critical Evaluation of Mass Screening for Uterine Cancer

Principal Investigator: William Christopherson, M.D.
University of Louisville
School of Medicine
Louisville, Kentucky 40201

Performing Organization: University of Louisville
School of Medicine

Contract Number: 45059

Starting Date: 2/1/74 Expiration Date: 1/31/79

Objective: To identify, document, and follow all new cases of cancer of the uterus occurring in Jefferson County, Kentucky; to study the relationship of multiple factors in relation to screening activity, to study changing patterns of stage to mortality and to study rate trends of uterine carcinoma, over a full generation.

Proposed Course: To determine retrospectively and prospectively the impact of a successful community Pap screening program on uterine cancer morbidity and mortality over a full generation from 1953 to 1978.

Progress: Date collection, disc-coding, and staging has been completed for the years 1953 through 1972. New cases for 1973 have been determined from all laboratories and hospitals as well as death certificates; such data is presently undergoing data processing. Cytologic correlation of these cases is completed by Dr. Christopherson. Proposed publications will ensue this year on morbidity and mortality data for two recent 3-year periods.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.2, C 2.3

Project Officer: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $41,684

CONTRACT SUMMARY

Title: Data Management Center for Breast Cancer Detection Demonstration Projects

Principal Investigator: Perry Sheinock, Ph.D.
Philadelphia, Pennsylvania 19104

Performing Organization: University City Science Center

Contract Number: 45161

Starting Date: 6/28/74 Expiration Date: 6/27/76

Objective: To provide staff and operate a Data Management Center for the 27 Breast Cancer Detection Demonstration Projects.

Proposed Course: The contractor shall provide the following: (1) design, implement and maintain a computer system for the collection, editing, storage, and retrieval of all data collected in the Demonstration Projects; (2) assume the responsibility for the receipt and control of all documents and other materials transmitted to the Data Management Center by the Demonstration Projects, the Data Conversion Centers, the Computer Center, NCI, ACS, and any other institution forwarding patient data to the Data Management Center; (3) assure the completeness and accuracy of all records with manual and computer edit procedures; and (4) maintain records, provide listings, provide reports, provide manuals, etc., to fulfill its function as a Data Management Center.

Progress: The establishment and distribution of forms has been completed. Operation and flow of data has been established and software programs developed for data analysis. The center is now providing preliminary reports of data as requested by NCI.

Significance for Cancer Control Program: Will provide for analysis of data emanating from the Breast Cancer Detection Demonstration Projects.

National Cancer Program: Objective C2/C3 Approach C 2.2, C 2.3

Project Officers: William Pomerance, M.D.
Theodore Weiss

FY 1975 Funds: $886,826

CONTRACT SUMMARY

Title: Thermography Technologist Training Program

Principal Investigator: JoAnn N. Haberman, M.D.
University of Oklahoma
Oklahoma City, Oklahoma 73190

Performing Organization: University of Oklahoma

Contract Number: NO1-CN-55136

Starting Date: 9/9/74 Expiration Date: 9/8/75

Objective: To provide training for thermography technicians to ensure obtaining the highest quality thermograms of the breast.

Proposed Course: This program has been established to provide intensive training for thermographic technicians involved in the 27 NCI-ACS sponsored Breast Cancer Detection Demonstration Projects. The curriculum and training materials are being developed by the project director, and trainees will receive their instruction on a one-to-one basis at the University of Oklahoma.

Progress: As of July 1, 1975, 19 students from 13 projects had been admitted for training. The students receive 15 hours of taped lectures covering six subjects; five hours of lecture on techniques, and 20 hours of practical clinical application.

Significance for Cancer Control Program: This program will help to ensure the quality of thermograms obtained in the 27 centers and provide, to some extent, for comparability of images from center to center.

National Cancer Program: Objective C2: Approach C 2.5

Project Officers: William Pomerance
James E. Hamner, D.D.S., Ph.D.

FY 1975 Funds: $46,000

CONTRACT SUMMARY

Title: Lung Cancer Control Detection and Therapy Phase II

Principal Investigator: John K. Frost, M.D.
Charles and 34th Streets
Baltimore, Maryland 21218

Performing Organization: The Johns Hopkins University

Contract Number: 45037

Starting Date: 9/1/73 Expiration Date: 7/15/78

Objective: To evaluate the efficacy of sputum cytologic examination and fiberoptic bronchoscopy in the early detection of pulmonary neoplasms and to evaluate the effect of treatment (surgery) on long-term survival.

Proposed Course: Over a period of several years recruit 8,000 participants (heavy smokers at high risk of developing cancer) for random assignment to test and control groups. The test group will receive sputum cytologic examination and chest x-ray every four months; the control group will receive an annual chest x-ray and examination consistent with presently accepted standards of medical practice. Subjects suspicious or positive for lung cancer will receive thorough diagnostic work-ups and will be treated surgically. All subjects will be followed for an additional 5 years to determine survival.

Progress: Participants are being recruited and entered into the study groups as per protocols developed in conjunction with other members of the NCI Cooperative Early Lung Cancer Group. Five thousand and eighty-two participants have been examined to date. Cancers found are about equally divided between the cytology and x-ray groups. The preliminary nature of the data does not permit determinations to be made relative to the efficacies of the techniques employed.

Significance for Cancer Control: To evaluate screening, detection, and diagnostic techniques for early lung cancer and the impact of early detection on survival.

National Cancer Program: Objective C2/C3 Approach C 2.2, C 3.2

Project Officers: Louis P. Greenberg
James E. Hamner, D.D.S., Ph.D.

FY 1975 Funds: $407,941

CONTRACT SUMMARY

Title: Effect of Early Detection and Treatment on Survival from Lung Cancer

Principal Investigator: Myron D. Melamed, M.D.
44 East 68th Street
New York, New York 10021

Performing Organization: Memorial Hospital for Cancer and Allied Disease

Contract Number: 45007

Starting Date: 9/1/73 Expiration Date: 7/31/78

Objective: To evaluate the efficacy of sputum cytologic examination in early detection of pulmonary neoplasms and to evaluate the efficacy of techniques for diagnosis and localization of early lung cancer before progression to x-ray positive.

Proposed Course: Over a 3-year period, 10,000 participants (heavy smokers who are at high risk of developing cancer) will be randomly assigned to either a test or control group. The "test" group will receive multiple sputum cytologic examinations and chest x-rays while the control group will receive only annual chest x-rays and examinations consistent with presently accepted standards of medical practice. Participants will be screened for 5 years and followed for another 5 years to determine actuarial survival. Subjects suspicious or positive for lung cancer will receive thorough diagnostic work-ups and pretreatment evaluation including fiberoptic bronchoscopy. All positive subjects will receive appropriate therapy.

Progress: Participants are being recruited and entered into study groups as per protocols developed in conjunction with the other members of the NCI Cooperative Early Lung Cancer Group. As of July 30, 1975, 4,103 subjects had been screened. Forty-one cancers had been diagnosed by x-ray. Of seven cancers diagnosed by cytology, six were x-ray negative. Of the seven cancers diagnosed by cytologic examination, three were localized with fiberoptic bronchoscopy and one was determined to be carcinoma of the larynx. The preliminary nature of the data does not permit determinations to be made relative to the efficacies of the techniques being employed.

Significance for Cancer Control: To evaluate screening, detection, and diagnostic techniques for "early" lung cancer.

National Cancer Program: Objective C2/C3: Approach C 2.2, C 3.2

Project Officers: Louis P. Greenberg
James E. Hamner, D.D.S., Ph.D.

FY 1975 Funds: $550,604

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: Durward L. Blakey, Director
2423 N. State Street
Jackson, Mississippi 39205

Performing Organization: Mississippi State Board of Health

Contract Number: 45086

Starting Date: 6/28/74 Expiration Date: 6/27/77

Objective: To evaluate, demonstrate, and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted, with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: The public education/motivation program was begun, as per the protocol. Patients were recruited to the multiple screening sites, and follow-up smears or biopsy obtained as indicated. Therapy was provided to those with a definitive diagnosis. Virtually no significant problems were encountered by this program. Preliminary data provided an overall rate of suspicious/positive smears of 161/10,000. The screened population was 45% Caucasian, 55% Black, and were urban residents in 84% of the cases.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.4

Project Officer: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $141,748

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: James W. Smith, M.P.H.
N.E. 10th and Stonewall
Oklahoma City, Oklahoma 73105

Performing Organization: Oklahoma State Department of Health

Contract Number: 45077

Starting Date: 6/28/74 Expiration Date: 6/27/77

Objective: To evaluate, demonstrate, and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted, with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: The public education/motivation program was begun, as per the protocol. Patients were recruited to the multiple screening sites, and follow-up smears or biopsy obtained as indicated. Therapy was provided to those with a definitive diagnosis. Virtually no significant problems were encountered. Preliminary data reveal an overall suspicious/positive rate of 232/10,000 smears. The population screened was 84% Caucasian, 14% Black, and 2% other ethnic origin, with 69% of screenees being poverty or low-income level.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3: Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $377,200

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: Dr. C. R. Yerwood
1100 W. 94th Street
Austin, Texas 78756

Performing Organization: Texas State Department of Health

Contract Number: 45078

Starting Date: 6/27/74 Expiration Date: 6/27/77

Objective: To evaluate, demonstrate and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted, with evaluation of cost-effectiveness, cost-benefit, and cost-efficiency of program.

Progress: The public education/motivation program was begun, as per the protocol. Patients were recruited to the multiple screening sites, and follow-up smears or biopsy obtained as indicated. Therapy was provided to those with a definitive diagnosis. Preliminary data show an overall suspicious/positive rate of 180/10,000. The population screened was 37% Caucasian, 54% Black and 9% all others, with 80% rural residents.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3; Approach C2.1, C2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $333,624

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: Barbara Christine, M.D.
79 Elm Street
Hartford, Connecticut 06115

Performing Organization: State of Connecticut Department of Health

Contract Number: 45074

Starting Date: 6/24/74 Expiration Date: 6/23/77

Objective: To evaluate, demonstrate, and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted, with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: The public education/motivation program was begun, as per the protocol. Patients were recruited to the multiple screening sites, and follow-up smears or biopsy obtained as indicated. Therapy was provided to those with a definitive diagnosis. Multiple problems were encountered due to a short award/implementation time; such problems included delayed approval for positions to be filled, availability of facilities, and integration of activities. Specific problems encountered included delay in receipt of equipment, and reluctance of outreach workers to enter target areas. Preliminary data reveals a suspicious/positive rate of 97/10,000. The screened population was 65% Caucasian, 21% Black, and 14% Other, with 70% at poverty or low-income level.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3: Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: Unexpended FY 1974 funds

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: Charles C. Trabue, M.D.
344 Cordell Hull Building
Nashville, Tennessee 37219

Performing Organization: State of Tennessee
Department of Public Health

Contract Number: 45085

Starting Date: 6/28/74 Expiration Date: 12/27/77

Objective: To evaluate, demonstrate, and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted, with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: The public education/motivation program was begun, as per the protocol. Patients were recruited to the multiple screening sites, and follow-up smears or biopsy obtained as indicated. Therapy was provided to those with a definitive diagnosis. Multiple problems were encountered due to a short award/implementation time; such problems included delayed approval for positions to be filled, availability of facilities, and integration of activities. Specific problems consisted of in-state opposition to the use of out-of-state labs. Preliminary data show a suspicious/positive rate of 200/10,000 smears. The population screened was 85% Caucasian, 14% Black, and 1% Other, with a majority of rural residents.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3: Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: Unexpended FY 1974 funds

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: Isadore Brickman, M.D.
1532 Tulane Avenue
New Orleans, Louisiana 70140

Performing Organization: Charity Hospital of Louisiana at New Orleans

Contract Number: 45080

Starting Date: 6/28/74 Expiration Date: 6/27/77

Objective: To evaluate, demonstrate, and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted, with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: The public education/motivation program was begun, as per the protocol. Patients were recruited to the multiple screening sites, and follow-up smears or biopsy obtained as indicated. Therapy was provided to those with a definitive diagnosis. Multiple problems were encountered due to a short award/implementation time; such problems included delayed approval for positions to be filled, availability of facilities, and integration of activities. Particular difficulty was experienced by this program with personnel turnover. Preliminary data show an overall suspicious/positive smear rate of 66/10,000. The population screened was 23% Caucasian, 77% Black, and 1% Other ethnic origin.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: Unexpended FY 1974 funds

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: Aileen Mackenzie, M.D.
450 E. Town Street
P. O. Box 118
Columbus, Ohio 43216

Performing Organization: State of Ohio Department of Health

Contract Number: 45079

Starting Date: 6/28/74 Expiration Date: 12/27/77

Objective: To evaluate, demonstrate, and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted, with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: The public education/motivation program was begun, as per the protocol. Patients were recruited to the multiple screening sites, and follow-up smears or biopsy obtained as indicated. Therapy was provided to those with a definitive diagnosis. Multiple problems were encountered due to a short award/implementation time; such problems included delayed approval for positions to be filled, availability of facilities, and integration of activities. Special problems included poor cooperation between Project lay people and the medical community. Preliminary data show a suspicious/positive rate of 30/10,000 smears. Screenee distribution was 97% Caucasian, 2% Black and 1% Others, with 65% being poverty or low-income level.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3: Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: Unexpended FY 1974 funds

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: C. Hernandez, M.D.
275 East Main Street
Frankfort, Kentucky 40601

Performing Organization: State of Kentucky
Department of Human Resources

Contract Number: 45083

Starting Date: 6/28/74 Expiration Date: 6/27/77

Objective: To evaluate, demonstrate, and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted, with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: The public education/motivation program was begun, as per the protocol. Patients were recruited to the multiple screening sites, and follow-up smears or biopsy obtained as indicated. Therapy was provided to those with a definitive diagnosis. Multiple problems were encountered due to a short award/implementation time; such problems included delayed approval for positions to be filled, availability of facilities, and integration of activities. Preliminary data reveal an overall suspicious/positive rate of 388/10,000 smears. The screened population was 95% Caucasian, 5% Black, and 99% poverty or low-income level.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3: Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $142,191

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: J. L. Isbister, M.D.
State of Michigan
Department of Public Health
3500 North Logan Street
Lansing, Michigan 48914

Performing Organization: Michigan Cancer Foundation

Contract Number: 45076

Starting Date: 6/28/74 Expiration Date: 12/27/77

Objective: To evaluate, demonstrate, and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted, with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: The public education/motivation program was begun, as per the protocol. Patients were recruited to the multiple screening sites, and follow-up smears or biopsy obtained as indicated. Therapy was provided to those with a definitive diagnosis. Multiple problems were encountered due to a short award/implementation time; such problems included delayed approval for positions to be filled, availability of facilities, and integration of activities. Preliminary data reveal a suspicious/positive rate of 10/10,000 smears. The population screened was 45% Caucasian, 54% Black, 1% Other, and 50% poverty or low-income level.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $482,109

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: William C. Marett, M.D.
2600 Bull Street
Columbia, South Carolina 29201

Performing Organization: South Carolina Department of Health and Environmental Control

Contract Number: 45084

Starting Date: 6/28/74 Expiration Date: 6/27/75

Objective: To evaluate, demonstrate, and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted, with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: The public education/motivation program was begun, as per the protocol. Patients were recruited to the multiple screening sites, and follow-up smears or biopsy obtained as indicated. Therapy was provided to those with a definitive diagnosis. Multiple problems were encountered due to a short award/implementation time; such problems included delayed approval for positions to be filled, availability of facilities, and integration of activities. It was necessary to expand the geographic area to be screened in order to meet contract quotas. Preliminary data show a suspicious/positive rate of 60/10,000 smears. The population screened was 78% Caucasian, 22% Black, and 69% poverty or low-income level.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $112,189

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: Robert S. Grant, M.D.
1003 C Street
Lincoln, Nebraska

Performing Organization: State of Nebraska Department of Health

Contract Number: 45081

Starting Date: 6/28/74 Expiration Date: 6/27/77

Objective: To evaluate, demonstrate, and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted, with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: The public education/motivation program was begun, as per the protocol. Patients were recruited to the multiple screening sites, and follow-up smears or biopsy obtained as indicated. Therapy was provided to those with a definitive diagnosis. Multiple problems were encountered due to a short award/implementation time; such problems included delayed approval for positions to be filled, availability of facilities, and integration of activities. Special problems included slow return of lab results, and hindrance of outreach program due to the absence of a regional health organization. Preliminary data reveal a suspicious/positive rate of 122/10,000 smears. Distribution of screenees was 83% Caucasian, 15% Black, and 2% Other origin, with 85% urban residents.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $164,528

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: Peter Greenwald, M.D.
84 Holland Avenue
Albany, New York

Performing Organization: Health Research, Inc.

Contract Number: 45091

Starting Date: 6/28/74 Expiration Date: 6/27/77

Objective: To evaluate, demonstrate, and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted, with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: The public education/motivation program was begun, as per the protocol. Patients were recruited to the multiple screening sites, and follow-up smears or biopsy obtained as indicated. Therapy was provided to those with a definitive diagnosis. Multiple problems were encountered due to a short award/implementation time; such problems included delayed approval for positions to be filled, availability of facilities, and integration of activities. Special problems related to their state computer system and data submission lag time. Preliminary data reveal a suspicious/positive rate of 126/10,000 smears. The screened population was 69% Caucasian, 23% Black, and 8% Other ethnic origin, with 98% of screened women being urban residents and 70% of poverty or low-income level.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $490,000

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: J. C. Lashof, M.D.
Suite 450
535 W. Jefferson
Springfield, Illinois 63761

Performing Organization: Illinois Department of Public Health

Contract Number: 55082

Starting Date: 1/15/75 Expiration Date: 1/14/78

Objective: To evaluate, demonstrate, and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted, with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: New Contract. Organization is being finalized; screening has begun. Working relationships have been established with the American Cancer Society and the Medical School.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $209,059

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: F. S. Wolf, M.D.
State Office Building
Montgomery, Alabama 36104

Performing Organization: Alabama Department of Health

Contract Number: 55090

Starting Date: 5/1/75 Expiration Date: 4/30/76

Objective: To evaluate, demonstrate and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: New Contract

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $339,809

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: Dr. Sidney Finkelstein
717 S.E. Delaware Street
Minneapolis, Minnesota 55440

Performing Organization: Minnesota Department of Health

Contract Number: 55264

Starting Date: 6/30/75 Expiration Date: 6/29/76

Objective: To evaluate, demonstrate and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: New Contract

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $312,500

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: R. H. Hayes, M.D.
South Dakota State Department of Health
Pierre, South Dakota 27501

Performing Organization: South Dakota State Department of Health

Contract Number: 55164

Starting Date: 4/1/75 Expiration Date: 3/31/76

Objective: To evaluate, demonstrate and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: New Contract

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $93,272

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: Ruth Steinkamp, M.D.
4815 W. Markham
Little Rock, Arkansas 72201

Performing Organization: Arkansas Department of Health

Contract Number: 55205

Starting Date: 5/1/75 Expiration Date: 4/30/76

Objective: To evaluate, demonstrate and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: New Contract

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $142,992

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: J. M. Landrum
Division of Physical Health
Atlanta, Georgia 30334

Performing Organization: Georgia Department of Human Resources

Contract Number: 55204

Starting Date: 5/1/75 Expiration Date: 4/30/76

Objective: To evaluate, demonstrate and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: New Contract

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $252,055

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: E. A. Sawada, M.D.
Division of Cancer Control
301 W. Preston Street
Baltimore, Maryland 21201

Performing Organization: Maryland Department of Health
and Mental Hygiene

Contract Number: 55166

Starting Date: 5/1/75 Expiration Date: 4/30/76

Objective: To evaluate, demonstrate and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: New Contract

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $206,291

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: Dr. R. Martinez
Puerto Rico Department of Health
Santurce, Puerto Rico 00809

Performing Organization: Puerto Rico Department of Health

Contract Number: 55075

Starting Date: 6/30/75 Expiration Date: 6/29/78

Objective: To evaluate, demonstrate and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: New Contract

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $55,754

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: H. E. Gillespie, M.D.
Department of Health
Richmond, Virginia 23219

Performing Organization: Commonwealth of Virginia
Department of Health

Contract Number: 55165

Starting Date: 5/1/75 Expiration Date: 4/30/76

Objective: To evaluate, demonstrate and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: New Contract

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $316,542

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: R. H. Leahy, M.D.
500 University District Building
Seattle, Washington 98105

Performing Organization: Washington State Department of Social and Health Services

Contract Number: 55265

Starting Date: 6/30/75 Expiration Date: 6/29/78

Objective: To evaluate, demonstrate and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: New Contract

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $164,720

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: Masao Kumanzai, M.D.
Office of the High Commissioner
Saipan, Mariana Islands

Performing Organization: Trust Territory of the
Pacific Health Services Department

Contract Number: 55068

Starting Date: 5/1/75 Expiration Date: 4/30/78

Objective: To evaluate, demonstrate and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: New Contract

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $312,500

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: Elfriede Fasal, M.D.
714-44 P Street
Sacramento, California 95814

Performing Organization: State of California
Department of Health

Contract Number: 55263

Starting Date: 6/30/75 Expiration Date: 6/29/78

Objective: To evaluate, demonstrate and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: New Contract

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $337,925

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: Dr. A. Bergevin
201 South Fall Street
Carson City, Nevada 89701

Performing Organization: Nevada State Department of Health

Contract Number: 65262

Starting Date: Pending Expiration Date: Pending

Objective: To evaluate, demonstrate and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: New Contract

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: None (to receive FY 1976 funding)

CONTRACT SUMMARY

Title: State Cervical Cancer Screening Program

Principal Investigator: Dr. H. S. Parrish
State Office Building
Cheyenne, Wyoming 82001

Performing Organization: Wyoming State Department

Contract Number: 45103

Starting Date: 6/1/74 Expiration Date: 5/31/75

Objective: To evaluate, demonstrate and promote those modalities for community-based cervical cancer screening which are practical and effective in reducing the morbidity and mortality from cervical cancer.

Proposed Course: To establish/expand cervical exfoliative cytology screening programs with special emphasis on the woman at "high risk" of disease, including provisions for annual rescreening. Requires definitive diagnosis on suspicious or positive Pap smears and assurance of quality therapeutic, rehabilitative, and follow-up care. Individual case data is submitted with evaluation of cost-effectiveness and cost-benefit of the program.

Progress: The process of planning for implementation of a state-wide cervical cancer screening is complete; the implementation proposal has been submitted and approved.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.4

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: None (to receive FY 1976 funds)

CONTRACT SUMMARY

Title: Planning for State Cervical Cancer Screening Programs

Principal Investigator: Suzanne Dandoy, M.D.
1740 W. Adams Street
Phoenix, Arizona 85007

Performing Organization: Arizona State Department of Health

Contract Number: 45109

Starting Date: 6/28/74 Expiration Date: 6/27/75

Objective: To develop a comprehensive plan for implementation of a cervical cancer screening program with special emphasis on mobilizing and integrating existent and new health care delivery modalities toward the ultimate goal of motivating the "high-risk" woman to seek cervical screening services.

Proposed Course: Multiple planning meetings and contacts will be held with representatives of health delivery services to ensure interest, cooperation, and integration into planned activities as submitted in a final report or Proposal for Implementation of Cervical Cancer Screening Program.

Progress: Planning is complete. This proposal for implementation is awaiting review.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.3, C 2.4, C 2.6

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: None

CONTRACT SUMMARY

Title: Planning for State Cervical Cancer Screening Programs

Principal Investigator: Peter J. Leadley, M.D.
State House
Augusta, Maine 04330

Performing Organization: State of Maine
Department of Health and Welfare

Contract Number: 45107

Starting Date: 6/1/74 Expiration Date: 5/30/75

Objective: To develop a comprehensive plan for implementation of a cervical cancer screening program with special emphasis on mobilizing and integrating existent and new health care delivery modalities toward the ultimate goal of motivating the "high-risk" woman to seek cervical screening services.

Proposed Course: Multiple planning meetings and contacts will be held with representatives of health delivery services to ensure interest, cooperation, and integration into planned activities as submitted in a final report or Proposal for Implementation of Cervical Cancer Screening Program.

Progress: The planning phase has been completed. The proposal for implementation has been received and is awaiting formal review.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.3, C 2.4, C 2.6

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: None

CONTRACT SUMMARY

Title: Planning for State Cervical Cancer Screening Programs

Principal Investigator: L. J. Olsen, M.D.
211 State Capitol
Salt Lake City, Utah 84114

Performing Organization: Utah State Department of Social Services

Contract Number: 55206

Starting Date: 3/1/75 Expiration Date: 2/28/76

Objective: To develop a comprehensive plan for implementation of a cervical cancer screening program with special emphasis on mobilizing and integrating existent and new health care delivery modalities toward the ultimate goal of motivating the "high-risk" woman to seek cervical screening services.

Proposed Course: Multiple planning meetings and contacts will be held with representatives of health delivery services to ensure interest, cooperation, and integration into planned activities as submitted in a final report or Proposal for Implementation of Cervical Cancer Screening Program.

Progress: New contract. Program Director has been hired, and preliminary contacts made with existing health care delivery organizations.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.3, C 2.4, C 2.6

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $44,582

CONTRACT SUMMARY

Title: Planning for State Cervical Cancer Screening Programs

Principal Investigator: Roberta A. Coffin, M.D.
115 Colchester Avenue
Burlington, Vermont 05401

Performing Organization: Vermont Department of Health

Contract Number: 55147

Starting Date: 6/30/75 Expiration Date: 6/29/76

Objective: To develop a comprehensive plan for implementation of a cervical cancer screening program with special emphasis on mobilizing and integrating existent and new health care delivery modalities toward the ultimate goal of motivating the "high-risk" woman to seek cervical screening services.

Proposed Course: Multiple planning meetings and contacts will be held with representatives of health delivery services to ensure interest, cooperation, and integration into planned activities as submitted in a final report or Proposal for Implementation of Cervical Cancer Screening Program.

Progress: New contract. Program Director has been hired and preliminary meetings are being held.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.3, C 2.4, C 2.6

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $39,603

CONTRACT SUMMARY

Title: Planning for State Cervical Cancer Screening Programs

Principal Investigator: James R. Amos, M.D.
North Dakota State Department of Health
Bismark, North Dakota

Performing Organization: North Dakota State Department of Health

Contract Number: 55209

Starting Date: 3/1/75 Expiration Date: 2/28/76

Objective: To develop a comprehensive plan for implementation of a cervical cancer screening program with special emphasis on mobilizing and integrating existent and new health care delivery modalities toward the ultimate goal of motivating the "high-risk" woman to seek cervical screening services.

Proposed Course: Multiple planning meetings and contacts will be held with representatives of health delivery services to ensure interest, cooperation, and integration into planned activities as submitted in a final report or Proposal for Implementation of Cervical Cancer Screening Program.

Progress: New contract. Work is being completed on cancer incidence and identification of a target population, as well as identification of existing resources.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.3, C 2.4, C 2.6

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $49,268

CONTRACT SUMMARY

Title: Planning for State Cervical Cancer Screening Programs

Principal Investigator: Leon Fraser, M.D.
P. O. Box 1540
Trenton, New Jersey 08625

Performing Organization: New Jersey State Department of Health

Contract Number: 55169

Starting Date: 1/15/75 Expiration Date: 1/14/76

Objective: To develop a comprehensive plan for implementation of a cervical cancer screening program with special emphasis on mobilizing and integrating existent and new health care delivery modalities toward the ultimate goal of motivating the "high-risk" woman to seek cervical screening services.

Proposed Course: Multiple planning meetings and contacts will be held with representatives of health delivery services to ensure interest, cooperation, and integration into planned activities as submitted in a final report or Proposal for Implementation of Cervical Cancer Screening Program.

Progress: The Program Director has been hired and preliminary contact has been made with existing health and delivery organizations including the Cancer Institute of New Jersey. Cancer statistics are being collected.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.3, C 2.4, C 2.6

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $49,177

CONTRACT SUMMARY

Title: Planning for State Cervical Cancer Screening Programs

Principal Investigator: W. B. Quesenberry, M.D.
P. O. Box 3378
Honolulu, Hawaii 96801

Performing Organization: Hawaii State Department of Health

Contract Number: 55208

Starting Date: 3/1/75 Expiration Date: 2/28/76

Objective: To develop a comprehensive plan for implementation of a cervical cancer screening program with special emphasis on mobilizing and integrating existent and new health care delivery modalities toward the ultimate goal of motivating the "high-risk" woman to seek cervical screening services.

Proposed Course: Multiple planning meetings and contacts will be held with representatives of health delivery services to ensure interest, cooperation, and integration into planned activities as submitted in a final report or Proposal for Implementation of Cervical Cancer Screening Program.

Progress: New contract. Working groups are planning the approach modalities to be used. Statistical information is being provided by the Hawaii Tumor Registry.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.3, C 2.4, C 2.6

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $50,000

CONTRACT SUMMARY

Title: Planning for State Cervical Cancer Screening Programs

Principal Investigator: Edwin R. Larkin, M.D.
P. O. Box 309
Madison, Wisconsin 53701

Performing Organization: Wisconsin Division of Health

Contract Number: 55156

Starting Date: 4/1/75 Expiration Date: 3/31/76

Objective: To develop a comprehensive plan for implementation of a cervical cancer screening program with special emphasis on mobilizing and integrating existent and new health care delivery modalities toward the ultimate goal of motivating the "high-risk" woman to seek cervical screening services.

Proposed Course: Multiple planning meetings and contacts will be held with representatives of health delivery services to ensure interest, cooperation, and integration into planned activities as submitted in a final report or Proposal for Implementation of Cervical Cancer Screening Program.

Progress: New contract. Cooperation has been obtained from the ACS and the Wisconsin Uterine Task Force.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.3, C 2.4, C 2.6

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $49,998

CONTRACT SUMMARY

Title: Planning for State Cervical Cancer Screening Programs

Principal Investigator: Morton Madoff, M.D.
600 Washington Street
Boston, Massachusetts 02111

Performing Organization: Massachusetts Department of Public Health

Contract Number: 55167

Starting Date: 12/1/74 Expiration Date: 11/30/75

Objective: To develop a comprehensive plan for implementation of a cervical cancer screening program with special emphasis on mobilizing and integrating existent and new health care delivery modalities toward the ultimate goal of motivating the "high-risk" woman to seek cervical screening services.

Proposed Course: Multiple planning meetings and contacts will be held with representatives of health delivery services to ensure interest, cooperation, and integration into planned activities as submitted in a final report or Proposal for Implementation of Cervical Cancer Screening Program.

Progress: Contacts and meetings have been held since contract award. Consideration of establishment of a State Cancer Control Unit is under way. Demographic data have been compiled. The proposal for implementation of a cervical cancer screening program is presently being prepared for submission and formal review.

Significance for Cancer Control Program: To assure that practical and effective cancer detection knowledge and methods/techniques and resources are available to the public (especially populations at high risk) and are used by health professionals providing medical services to the public.

National Cancer Program: Objective C2/C3 Approach C 2.1, C 2.3, C 2.4, C 2.6

Project Officers: Joanne Luoto, M.D.
James L. McQueen, D.V.M., Dr. P.H.

FY 1975 Funds: $45,802

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Bernard Fisher, M.D.
3550 Terrace Street
Pittsburgh, Pennsylvania 15213

Performing Organization: University of Pittsburgh
School of Medicine

Contract Number: 45065

Starting Date: 2/15/74 Expiration Date: 2/14/75

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $173,133

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Robert Schweitzer, M.D.
Hawthorne and Webster Streets
Oakland, California 94609

Performing Organization: Samuel Merritt Hospital

Contract Number: 45068

Starting Date: 2/25/74 Expiration Date: 2/24/75

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $202,407

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Donald C. Young, M.D.
716 Parnell Avenue
Des Moines, Iowa 50316

Performing Organization: Iowa Lutheran Hospital

Contract Number: 45067

Starting Date: 2/27/74 Expiration Date: 2/26/75

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $173,080

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Walter M. Whitehouse, M.D.
1414 E. Ann Street
Ann Arbor, Michigan 48104

Performing Organization: University of Michigan

Contract Number: 45049

Starting Date: 3/18/74 Expiration Date: 3/17/75

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $200,470

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Herbert P. Constantine, M.D.
Rhode Island Hospital
Davis Street
Providence, Rhode Island

Performing Organization: Rhode Island Hospital

Contract Number: 45096

Starting Date: 5/28/74 Expiration Date: 5/27/75

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: None

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Morton J. Goodman, M.D.
1015 N.W. Twenty-Second Avenue
Portland, Oregon 97201

Performing Organization: Good Samaritan Hospital and Medical Center

Contract Number: 45088

Starting Date: 6/1/74 Expiration Date: 5/31/75

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $245,722

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: William L. Donegan, M.D.
Business Loop - 70th and Garth Avenue
Columbia, Missouri 65201

Performing Organization: Cancer Research Center
Ellis Fischel State Cancer Hospital

Contract Number: 45095

Starting Date: 6/1/74 Expiration Date: 5/31/75

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $274,960

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Lewis W. Guiss, M.D.
University of Southern California
Los Angeles, California

Performing Organization: University of Southern California

Contract Number: 45098

Starting Date: 6/25/74 Expiration Date: 6/24/75

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $278,080

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Henry Burko, M.D.
Vanderbilt University Hospital
Nashville, Tennessee

Performing Organization: Vanderbilt University Hospital

Contract Number: 55099

Starting Date: 7/24/74 Expiration Date: 7/23/75

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $185,000

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Duncan L. Moore, M.D.
1919 LaBranch
Houston, Texas 77002

Performing Organization: St. Joseph's Hospital

Contract Number: 55100

Starting Date: 10/1/74 Expiration Date: 9/30/75

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $185,000

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Arthur J. Present, M.D.
University of Arizona
Tucson, Arizona

Performing Organization: University of Arizona

Contract Number: 55097

Starting Date: 10/9/74 Expiration Date: 10/3/75

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $185,000

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Robert L. Brown, M.D.
Emory University
Atlanta, Georgia

A. Hamblin Letton
Georgia Baptist Hospital
Atlanta, Georgia

Performing Organization: Emory University
Georgia Baptist Hospital

Contract Number: 55277

Starting Date: 5/9/73 Expiration Date: 6/8/76

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $217,511

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Richard G. Lester, M.D.
Duke University Medical Center
Durham, North Carolina 27710

Performing Organization: Duke University Medical Center

Contract Number: 45064

Starting Date: 2/15/74 Expiration Date: 2/14/75

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $176,667

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Myron Moskowitz, M.D.
Eden and Bethesda Avenue
Cincinnati, Ohio 45229

Performing Organization: University of Cincinnati
College of Medicine

Contract Number: 55310

Starting Date: 6/29/73 Expiration Date: 6/28/76

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $256,000

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Thomas Carlile, M.D.
911 Seneca Street
Seattle, Washington 98101

Performing Organization: Virginia Mason Research Center

Contract Number: 55304

Starting Date: 6/15/73 Expiration Date: 6/14/76

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $263,187

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Philip Strax, M.D.
2 East 87th Street
New York, New York 10028

Performing Organization: Guttman Breast Institute

Contract Number: 55306

Starting Date: 4/18/73 Expiration Date: 4/17/75

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $381,140

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Condict Moore, M.D.
University of Louisville
Louisville, Kentucky

Performing Organization: University of Louisville

Contract Number: 55307

Starting Date: 4/17/73 Expiration Date: 6/29/76

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $242,558

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Harold J. Isard, M.D.
York and Tabor Roads
Philadelphia, Pennsylvania 19141

Marc Lapayowker, M.D.
3401 N. Broad Street
Philadelphia, Pennsylvania 19141

Performing Organization: Albert Einstein Medical Center and
Temple University Hospital

Contract Number: 45058

Starting Date: 1/2/74 Expiration Date: 1/1/76

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $180,737

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: James E. Youker, M.D.
561 North 15th Street
Milwaukee, Wisconsin 53233

Performing Organization: Medical College of Wisconsin

Contract Number: 55308

Starting Date: 6/18/73 Expiration Date: 6/17/76

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $254,349

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: JoAnn D. Haberman, M.D.
Health Science Center
Oklahoma City, Oklahoma

Performing Organization: University of Oklahoma

Contract Number: 55309

Starting Date: 6/18/73 Expiration Date: 6/29/76

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $266,000

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Loren J. Humphrey, M.D., Ph.D.
Rainbow Boulevard and 39th Street
Kansas City, Kansas 66103

Performing Organization: Kansas University Medical Center

Contract Number: 55303

Starting Date: 6/19/73 Expiration Date: 6/29/76

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $259,216

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Marvin V. McClow, M.D.
Barrs Street and St. Johns Avenue
Jacksonville, Florida 32204

Performing Organization: St. Vincent's Medical Center

Contract Number: 55210

Starting Date: 6/20/73 Expiration Date: 12/16/75

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $177,000

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Elisabeth Ward, M.D.
Mountain States Tumor Institute
Boise, Idaho

Performing Organization: Mountain States Tumor Institute

Contract Number: 55305

Starting Date: 6/25/73 Expiration Date: 6/29/76

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $245,000

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Benjamin Rush, M.D.
100 Bergen Street
Newark, New Jersey 07103

Performing Organization: College of Medicine and Dentistry of New Jersey

Contract Number: 35006

Starting Date: 6/29/73 Expiration Date: 10/27/75

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $183,333

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Fred I. Gilbert, Jr., M.D.
Alexander Young Building, Suite 542
Honolulu, Hawaii 96813

Performing Organization: Pacific Health Research Institute, Inc.

Contract Number: 45046

Starting Date: 12/19/73 Expiration Date: 12/18/75

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $171,966

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Leslie W. Whitney, M.D.
P. O. Box 1668
Wilmington, Delaware 19899

Performing Organization: Wilmington Medical Center

Contract Number: 45047

Starting Date: 1/1/74 Expiration Date: 12/31/75

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $185,327

CONTRACT SUMMARY

Title: Breast Cancer Detection Demonstration Project

Principal Investigator: Margaret Abernathy, M.D.
37th and O Streets, N. W.
Washington, D. C. 20007

Performing Organization: Georgetown University Medical School

Contract Number: 45062

Starting Date: 2/7/74 Expiration Date: 2/6/75

Objective: To determine and demonstrate the relative efficacies, singly and in combination, of patient history, physical examination, mammography (both film and xeroradiography) and thermography in detecting occult breast cancer.

Proposed Course: This project is jointly funded by NCI and the American Cancer Society. The contractor will, over a 2-year period, examine 10,000 women, without symptoms of breast cancer and rescreen this population annually for 5 years. An additional 5-year follow-up will provide an assessment of the impact of the program on breast cancer morbidity and mortality.

Progress: Participants have been enrolled in the detection project as planned and examinations have been performed according to protocol. Nonpalpable "early" breast cancers without evidence of metastases form a significant proportion of all cancers detected. Detailed evaluation of the data will be accomplished in the next fiscal year.

Significance for Cancer Control Program: To determine and demonstrate effective methods for the detection of breast cancer during the early stages of development.

National Cancer Program: Objective C2/C3 Approach C 2.3, C 3.3

Project Officers: William Pomerance, M.D.
James Hamner, D.D.S., Ph.D.

FY 1975 Funds: $183,188

CONTRACT SUMMARY

Title: Prototype Comprehensive Network Demonstration Project for Head and Neck Cancer

Principal Investigator: F. Hendrickson, M.D.
1753 West Congress Parkway
Chicago, Illinois 60612

Performing Organization: Rush-Presbyterian
St. Luke's Medical Center

Contract Number: 45159

Starting Date: 6/28/74 Expiration Date: 6/27/75 (Renewal)

Objective: To establish a network of cooperating hospitals and physicians to develop and implement cancer control activities relating to diagnosis, treatment, and rehabilitation of all stages of head and neck cancer.

Proposed Course: The Contractor serves as a major cancer center and functions to demonstrate this project to a network of community hospitals for a multidisciplinary approach to total patient care.

Progress: Formalized documentation of the development of a network of cooperating hospitals has been accomplished. Current cummunity practices have been appraised. Lay and professional educational activities have been commenced. Management guidelines for diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care have been developed by a series of meetings among the project's Principal Investigators and supportive staff. Planning for the epidemiological and biostatistical components has been carried out. A truly multidisciplinary approach to head and neck cancer management has been accomplished. Comprehensive patient forms have been developed as a packet for uniform statistical analysis. The University of Illinois has been added as a network member.

Significance for Cancer Control Program: To identify, field test and evaluate: diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care for head and neck cancer patients.

National Cancer Plan: Objective C3, C5 and C6 Approach C 3.3, 3.6, 5.3, 5.6, 6.3, 6.6

Project Officers: Dr. James Hamner, D.D.S., Ph.D.
Dr. Soli K. Choksi

FY 1975 Funds: $445,010

CONTRACT SUMMARY

Title: Prototype Comprehensive Network Demonstration Project for Head and Neck Cancer

Principal Investigator: George A. Sisson, M.D.
633 North Clark Street
Evanston, Illinois 60201

Performing Organization: Northwestern University

Contract Number: 45132

Starting Date: 6/7/74 Expiration Date: 6/30/75 (Renewal)

Objective: To establish a network of cooperating hospitals and physicians to develop and implement cancer control activities relating to diagnosis, treatment, and rehabilitation of all stages of head and neck cancer.

Proposed Course: The Contractor serves as a major cancer center and functions to demonstrate this project to a network of community hospitals for a multidisciplinary approach to total patient care.

Progress: Formalized documentation of the development of a network of cooperating hospitals has been accomplished. Current cummunity practices have been appraised. Lay and professional educational activities have been commenced. Management guidelines for diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care have been developed by a series of meetings among the project's Principal Investigators and supportive staff. Planning for the epidemiological and biostatistical components has been carried out. A truly multidisciplinary approach to head and neck cancer management has been accomplished. Comprehensive patient forms have been developed as a packet for uniform statistical analysis.

Significance for Cancer Control Program: To identify, field test and evaluate: diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care for head and neck cancer patients.

National Cancer Plan: Objective C3, C5 and C6 Approach C 3.3, 3.6, 5.3, 5.6, 6.3, 6.6

Project Officers: Dr. James Hamner, D.D.S., Ph.D.
Dr. Soli K. Choksi

FY 1975 Funds: 0

CONTRACT SUMMARY

Title: Prototype Comprehensive Network Demonstration Project for Head and Neck Cancer

Principal Investigator: James Y. Suen, M.D.
4301 West Markham Street
Little Rock, Arkansas

Performing Organization: University of Arkansas Medical Center

Contract Number: 55253

Starting Date: 6/30/75 Expiration Date: 6/29/76

Objective: To establish a network of cooperating hospitals and physicians to develop and implement cancer control activities relating to diagnosis, treatment, and rehabilitation of all stages of head and neck cancer.

Proposed Course: The Contractor serves as a major cancer center and functions to demonstrate this project to a network of community hospitals for a multidisciplinary approach to total patient care.

Progress: New contract.

Significance for Cancer Control Program: To identify, field test and evaluate: diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care for head and neck cancer patients.

National Cancer Plan: Objective C3, C5 and C6 Approach C 3.3, 3.6, 5.3, 5.6, 6.3, 6.6

Project Officers: Dr. James Hamner, D.D.S., Ph.D.
Dr. Soli K. Choksi

FY 1975 Funds: $198,896

CONTRACT SUMMARY

Title: Prototype Comprehensive Network Demonstration Project for Head and Neck Cancer

Principal Investigator: Michael E. Jabaley
2500 North State Street
Jackson, Mississippi 39216

Performing Organization: University of Mississippi Medical Center

Contract Number: 55254

Starting Date: 6/25/75 Expiration Date: 6/24/76

Objective: To establish a network of cooperating hospitals and physicians to develop and implement cancer control activities relating to diagnosis, treatment, and rehabilitation of all stages of head and neck cancer.

Proposed Course: The Contractor serves as a major cancer center and functions to demonstrate this project to a network of community hospitals for a multidisciplinary approach to total patient care.

Progress: New contract.

Significance for Cancer Control Program: To identify, field test and evaluate: diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care for head and neck cancer patients.

National Cancer Plan: Objective C3, C5 and C6 Approach C 3.3, 3.6, 5.3, 5.6, 6.3, 6.6

Project Officers: Dr. James Hamner, D.D.S., Ph.D.
Dr. Soli K. Choksi

FY 1975 Funds: $185,067

CONTRACT SUMMARY

Title: Prototype Comprehensive Network Demonstration Project for Head and Neck Cancer

Principal Investigator: Luther W. Brady, M.D.
230 North Broad Street
Philadelphia, Pennsylvania 19102

Performing Organization: Hahnemann Medical College and Hospital

Contract Number: 55255

Starting Date: 6/30/75 Expiration Date: 6/29/76

Objective: To establish a network of cooperating hospitals and physicians to develop and implement cancer control activities relating to diagnosis, treatment, and rehabilitation of all stages of head and neck cancer.

Proposed Course: The Contractor serves as a major cancer center and functions to demonstrate this project to a network of community hospitals for a multidisciplinary approach to total patient care.

Progress: New contract.

Significance for Cancer Control Program: To identify, field test and evaluate: diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care for head and neck cancer patients.

National Cancer Plan: Objective C3, C5 and C6 Approach C 3.3, 3.6, 5.3, 5.6, 6.3, 6.6

Project Officers: Dr. James Hamner, D.D.S., Ph.D.
Dr. Soli K. Choksi

FY 1975 Funds: $191,051

CONTRACT SUMMARY

Title: Prototype Comprehensive Network Demonstration Project for Head and Neck Cancer

Principal Investigator: Sol Silverman, M.D.
14th Avenue and Lake Street
San Francisco, California 94118

Performing Organization: Northern California Cancer Program
c/o San Francisco Regional Tumor Foundation

Contract Number: 55180

Starting Date: 6/30/75 Expiration Date: 6/29/76

Objective: To establish a network of cooperating hospitals and physicians to develop and implement cancer control activities relating to diagnosis, treatment, and rehabilitation of all stages of head and neck cancer.

Proposed Course: The Contractor serves as a major cancer center and functions to demonstrate this project to a network of community hospitals for a multidisciplinary approach to total patient care.

Progress: New contract.

Significance for Cancer Control Program: To identify, field test and evaluate: diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care for head and neck cancer patients.

National Cancer Plan: Objective C3, C5 and C6 Approach C 3.3, 3.6, 5.3, 5.6, 6.3, 6.6

Project Officers: Dr. James Hamner, D.D.S., Ph.D.
Dr. Soli K. Choksi

FY 1975 Funds: $199,000

CONTRACT SUMMARY

Title: Prototype Comprehensive Network Demonstration Project for Head and Neck Cancer

Principal Investigators:

Donald Shedd, M.D.
616 Elm Street
Buffalo, New York 14203

John M. Lore, M.D.
P. O. Box 7126
Albany, New York 12224

Performing Organizations: Roswell Park Memorial Institute and The Research Foundation of State University of New York (subcontractor)

Contract Number: 55257

Starting Date: 6/28/75 Expiration Date: 6/27/76

Objective: To establish a network of cooperating hospitals and physicians to develop and implement cancer control activities relating to diagnosis, treatment, and rehabilitation of all stages of head and neck cancer.

Proposed Course: The Contractor serves as a major cancer center and functions to demonstrate this project to a network of community hospitals for a multidisciplinary approach to total patient care.

Progress: Formalized documentation of the development of a network of cooperating hospitals has been accomplished. Current cummunity practices have been appraised. Lay and professional educational activities have been commenced. Management guidelines for diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care have been developed by a series of meetings among the project's Principal Investigators and supportive staff. Planning for the epidemiological and biostatistical components has been carried out. A truly multidisciplinary approach to head and neck cancer management has been accomplished. Comprehensive patient forms have been developed as a packet for uniform statistical analysis. The Research Foundation of State University of New York, Albany, New York, will serve as the subcontractor.

Significance for Cancer Control Program: To identify, field test and evaluate: diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care for head and neck cancer patients.

National Cancer Plan: Objective C3, C5 and C6 Approach C 3.3, 3.6, 5.3, 5.6, 6.3, 6.6

Project Officers: Dr. James Hamner, D.D.S., Ph.D.
Dr. Soli K. Choksi

FY 1975 Funds: $438,926

CONTRACT SUMMARY

Title: Prototype Comprehensive Network Demonstration Project for Head and Neck Cancer

Principal Investigator: James H. Brandenburg
750 University Avenue
Madison, Wisconsin 53706

Performing Organization: Wisconsin Comprehensive Cancer Center
Board of Regents of the
University of Wisconsin

Contract Number: 45130

Starting Date: 6/28/74 Expiration Date: 6/27/75 (Renewal)

Objective: To establish a network of cooperating hospitals and physicians to develop and implement cancer control activities relating to diagnosis, treatment, and rehabilitation of all stages of head and neck cancer.

Proposed Course: The Contractor serves as a major cancer center and functions to demonstrate this project to a network of community hospitals for a multidisciplinary approach to total patient care.

Progress: Formalized documentation of the development of a network of cooperating hospitals has been accomplished. Current cummunity practices have been appraised. Lay and professional educational activities have been commenced. Management guidelines for diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care have been developed by a series of meetings among the project's Principal Investigators and supportive staff. Planning for the epidemiological and biostatistical components has been carried out. A truly multidisciplinary approach to head and neck cancer management has been accomplished. Comprehensive patient forms have been developed as a packet for uniform statistical analysis.

Significance for Cancer Control Program: To identify, field test and evaluate: diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care for head and neck cancer patients.

National Cancer Plan: Objective C3, C5 and C6 Approach C 3.3, 3.6, 5.3, 5.6, 6.3, 6.6

Project Officers: Dr. James Hamner, D.D.S., Ph.D.
Dr. Soli K. Choksi

FY 1975 Funds: $182,953

TREATMENT, REHABILITATION, AND CONTINUING CARE BRANCH

The objective of the Treatment, Rehabilitation, and Continuing Care Branch is to insure that optimal treatment, and rehabilitation and follow-up care methods and techniques are available to and utilized by cancer patients. Utilizing the ever-expanding knowledge derived from biomedical research, projects sponsored by the Branch benefit not only for cancer patients, but also the health professionals who care for them.

TREATMENT

Of particular importance in FY 1975 were treatment activities demonstrating recently developed methods of chemotherapy and radiation therapy in acute childhood leukemia and Hodgkin's disease in community hospitals. Proper diagnosis and pretreatment evaluation were also important components of these seven projects.

The Branch initiated the development of a network concept of community hospitals for diagnosis, pretreatment evaluation, treatment, and rehabilitation of breast cancer, involving 12 primary contractors. All of the demonstration programs aim to demonstrate the best means of breast cancer patient management and to maintain maximum control of the cancerous process in uncured patients.

At present, in cooperation with the Division of Cancer Cause and Prevention, the Treatment Branch is undertaking a study in which current diagnosis and treatment practices of prototype cancer diseases in specific geographic areas will be analyzed. Also, an assessment of current radiation therapy practices for site-specific cancer in the U. S. is being carried out under the grant mechanism.

Four contract projects will identify and study offspring of women who received synthetic estrogens during pregnancy between 1943 and 1963. Four thousand individuals will be examined and evaluated in this project.

One contract will establish the average incidence rates for specific pediatric tumors in children in the Delaware Valley area and also will determine influencing treatment factors on survival times.

REHABILITATION AND CONTINUING CARE

Fifty-seven projects in six different areas were initiated in FY 1975, the first year of the DCCR rehabilitation and continuing care program. In general, the program and its projects seek to ensure a national capacity to restore cancer patients to as nearly a normal state as possible. Rehabilitation is considered a structured process for restoring maximal physical, psychosocial and vocational functions lost as a result of injury or disease. It should be initiated after diagnosis, coordinated with the primary treatment planned and continued through and beyond the treatment period.

Program activity stressed developments of comprehensive services such as vocational rehabilitation, physical restoration and supportive techniques and included development of new and improved prosthetic and orthotic devices.

Currently the program funds short-term training for a variety of paramedical specialists. Over the next 3 years the program will train 3500 nurses, 500 physical therapists, 60 enterostomal therapists, 11 maxillofacial prosthodontists, and 9 maxillofacial dental technicians dealing with head and neck cancer. It also supports projects seeking to modify the social and vocational environment for work-able cancer patients.

Additionally, four grants are being funded through the rehabilitation research program. Such grants give special emphasis to development of innovative and creative approaches to rehabilitation.

Future treatment programs of the Branch will focus on pediatric oncology, including the emotional and social adjustment of children with malignancies. Baseline data will be acquired on cost-effectiveness of cancer treatment, distribution of treatment to the patient and information on how cancer is managed by a variety of treatment centers. Future plans look to training of cancer rehabilitation teams and development of more functional breast and other prostheses.

CONTRACT SUMMARY

1. Title: Prototype Network Demonstration Project in Breast Cancer

2. Principal Investigator: Dr. Robert W. Sponzo
47 New Scotland Avenue
Albany, New York 12208

3. Performing Organization: Albany Medical College of Union University

4. Contract Number: 45140

5. Starting Date: 6/26/74 6. Expiration Date: 6/25/77

7. Objective: To establish networks of community hospitals as demonstration programs to the medical community for the utility and need of an organized and multidisciplinary approach to the total care of breast cancer patients.

8. Proposed Course: The contractor will develop uniform approaches to diagnosis and staging and evaluate uniform treatment protocols based on diagnosis and staging criteria; several approaches will be explored; evaluation is envisioned.

9. Progress: Formalized documentation of the development of a network of cooperating hospitals has been accomplished. Current community practices and past practices have been appraised. Lay and professional educational programs have been planned. Management guidelines for diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care were finalized in June 1975. Plans for the epidemiological and biostatistical components have been formalized. A multidisciplinary approach to breast cancer management has been accomplished.

10. Significance for Cancer Control Program: To identify, field test and evaluate: diagnosis and pretreatment evaluation, treatment and follow-up care methods, and rehabilitative methods for the female breast cancer patient.

National Cancer Plan Objective: C3, C5, C6 Approaches: C3.3, C3.6
C5.3, C5.6
C6.3, C6.6

11. Project Officer: Dr. J. Hamner

12. FY 1975 Funds: $325,000

CONTRACT SUMMARY

1. Title: Prototype Network Demonstration Project in Breast Cancer

2. Principal Investigator: Dr. Herbert Maurer
Dartmouth-Hitchcock Medical Center
Hanover, New Hampshire 03755

3. Performing Organization: Dartmouth College

4. Contract Number: 45146

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/77

7. Objective: To establish networks of community hospitals as demonstration programs to the medical community for the utility and need of an organized and multidisciplinary approach to the total care of breast cancer patients.

8. Proposed Course: The Contractor will develop uniform approaches to diagnosis and staging and evaluate uniform treatment protocols based on diagnosis and staging criteria; several approaches will be explored; evaluation is envisioned.

9. Progress: Formalized documentation of the development of a network of cooperating hospitals has been accomplished. Current community practices and past practices have been appraised. Lay and professional educational programs have been planned. Management guidelines for diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care were finalized in June 1975. Plans for the epidemiological and biostatistical components have been formalized. A multidisciplinary approach to breast cancer management has been accomplished.

10. Significance for Cancer Control Program: To identify, field test, and evaluate: diagnosis and pretreatment evaluation, treatment and follow-up care methods, and rehabilitative methods for the female breast cancer patient.

National Cancer Plan Objective: C3, C5, C6 Approach: C3.3, C3.6
C5.3, C5.6
C6.3, C6.6

11. Project Officer: Dr. J. Hamner

12. FY 1975 Funds: $325,000

CONTRACT SUMMARY

1. Title: Prototype Network Demonstration Project in Breast Cancer

2. Principal Investigator: Dr. Douglas J. Marchant
   171 Harrison Avenue
   Boston, Massachusetts 02111

3. Performing Organization: New England Medical Center Hospital

4. Contract Number: 45054

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/77

7. Objective: Establish networks of community hospitals as demonstration programs to the medical community for the utility and need of an organized and multidisciplinary approach to the total care of breast cancer patients.

8. Proposed Course: The contractor will develop uniform approaches to diagnosis and staging and evaluate uniform treatment protocols based on diagnosis and staging criteria; several approaches have been explored; evaluation is envisioned.

9. Progress: Formalized documentation of the development of a network of cooperating hospitals has been accomplished. Current community practices and past practices have been appraised. Lay and professional educational programs have been planned. Management guidelines for diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care were finalized in June 1975. Plans for the epidemiological and biostatistical components have been formalized. A multidisciplinary approach to breast cancer management has been accomplished.

10. Significance for Cancer Control Program: To identify, field test, and evaluate: diagnosis and pretreatment evaluation, treatment and follow-up care methods, and rehabilitative methods for the female breast cancer patient.

    Naitonal Cancer Plan Objective C3, C5, C6 Approach: C3.3, C3.6
    C5.3, C5.6
    C6.3, C6.6

11. Project Officer: Dr. J. Hamner

12. FY 1975 Funds: $280,107

CONTRACT SUMMARY

1. Title: Prototype Network Demonstration Project in Breast Cancer

2. Principal Investigator: Dr. Arthur F. Hoge
825 N.E. 13th Street
Oklahoma City, Oklahoma 73104

3. Performing Organization: Oklahoma Medical Research Foundation

4. Contract Number: 45137

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/77

7. Objective: To establish networks of community hospitals as demonstration programs to the medical community for the utility and need of an organized and multidisciplinary approach to the total care of cancer patients. Work to be performed in conjunction with the University of Oklahoma Health Sciences Center.

8. Proposed Course: The contractor will develop uniform approaches to diagnosis and staging and evaluate uniform treatment protocols based on diagnosis and staging criteria; several approaches will be explored; evaluation is envisioned.

9. Progress: Formalized documentation of the development of a network of cooperating hospitals has been accomplished. Current community practices and past practices have been appraised. Lay and professional educational programs have been planned. Management guidelines for diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care were finalized in June 1975. Plans for the epidemiological and biostatistical components have been formalized. A multidisciplinary approach to breast cancer management has been accomplished.

10. Significance for Cancer Control Program: To identify, field test, and evaluate: diagnosis and pretreatment evaluation, treatment and follow-up care methods, and rehabilitative methods for the female breast cancer patient.

National Cancer Plan Objective: C3, C5, C6 Approach: C3.3, C3.6
C5.3, C5.6
C6.3, C6.6

11. Project Officer: Dr. J. Hamner

12. FY 1975 Funds: $311,852

CONTRACT SUMMARY

1. Title: Prototype Network Demonstration Project in Breast Cancer

2. Principal Investigator: Dr. Anne C. Carter
P. O. Box 7126, Albany
Brooklyn, New York

3. Performing Organization: Research Foundation of State University of New York

4. Contract Number: 45139

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/77

7. Objective: Establish networks of community hospitals as demonstration programs to the medical community for the utility and need of an organized and multidisciplinary approach to the total care of breast cancer patients.

8. Proposed Course: The contractor will develop uniform approaches to diagnosis and staging and evaluate uniform treatment protocols based on diagnosis and staging criteria; several approaches will be explored; evaluation is envisioned.

9. Progress: Formalized documentation of the development of a network of cooperating hospitals has been accomplished. Current community practices and past practices have been appraised. Lay and professional educational programs have been planned. Management guidelines for diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care were finalized in June 1975. Plans for the epidemiological and biostatistical components have been formalized. A multidisciplinary approach to breast cancer management has been accomplished.

10. Significance for Cancer Control Program: To identify, field test, and evaluate: diagnosis and pretreatment evaluation, treatment and follow-up care methods, and rehabilitative methods for the female breast cancer patient.

National Cancer Plan Objective: C3, C5, C6 Approach: C3.3, C3.6
C5.3, C5.6
C6.3, C6.6

11. Project Officer: Dr. J. Hamner

12. FY 1975 Funds: $325,760

CONTRACT SUMMARY

1. Title: Prototype Network Demonstration Project in Breast Cancer

2. Principal Investigator: Dr. Paul F. Engstrom
   7701 Burholme Avenue
   Philadelphia, Pennsylvania 19111

3. Performing Organization: The Institute for Cancer Research

4. Contract Number: 45055

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/77

7. Objective: Establish networks of community hospitals as demonstrations.

8. Proposed Course: The contractor will develop uniform approaches to diagnosis and staging and evaluate uniform treatment protocols based on diagnosis and staging criteria; several approaches will be explored; evaluation is envisioned.

9. Progress: Formalized documentation of the development of a network of cooperating hospitals has been accomplished. Current community practices and past practices have been appraised. Lay and professional educational programs have been planned. Management guidelines for diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care were finalized in June 1975. Plans for the epidemiological and biostatistical components have been formalized. A multidisciplinary approach to breast cancer management has been accomplished.

10. Significance for Cancer Control Program: To identify, field test, and evaluate: diagnosis and pretreatment evaluation, treatment and follow-up care methods, and rehabilitative methods for the female breast cancer patient.

    National Cancer Plan Objective: C3, C5, C6 Approach: C3.3, C3.6
    C5.3, C5.6
    C6.3, C6.6

11. Project Officer: Dr. J. Hamner

12. FY 1975 Funds: $264,032

CONTRACT SUMMARY

1. Title: Prototype Network Demonstration Project in Breast Cancer

2. Principal Investigator: Dr. William A. Maddox
University Station
Birmingham, Alabama 35294

3. Performing Organization: Board of Trustees, University of Alabama

4. Contract Number: 45129

5. Starting Date: 6/1/74 6. Expiration Date: 5/31/77

7. Objective: Establish networks of community hospitals as demonstration programs to the medical community for the utility and need of an organized and multidisciplinary approach to the total care of breast cancer patients.

8. Proposed Course: The contractor will develop uniform approaches to diagnosis and staging and evaluate uniform treatment protocols based on diagnosis and staging criteria; several approaches will be explored; evaluation is envisioned.

9. Progress: Formalized documentation of the development of a network of cooperating hospitals has been accomplished. Current community practices and past practices have been appraised. Lay and professional educational programs have been planned. Management guidelines for diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care were finalized in June 1975. Plans for the epidemiological and biostatistical components have been formalized. A multidisciplinary approach to breast cancer management has been accomplished.

10. Significance for Cancer Control Program: To identify, field test, and evaluate: diagnosis and pretreatment evaluation, treatment and follow-up care methods, and rehabilitative methods for the female breast cancer patient.

National Cancer Plan Objective: C3, C5, C6 Approach: C3.3, C3.6
C5.3, C5.6
C6.3, C6.6

11. Project Officer: Dr. J. Hamner

12. FY 1975 Funds: $165,982

CONTRACT SUMMARY

1. Title: Prototype Network Demonstration Project in Breast Cancer

2. Principal Investigator: Dr. Condict Moore
University of Louisville
Louisville, Kentucky 40201

3. Performing Organization: University of Louisville Foundation, Inc.

4. Contract Number: 45149

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/77

7. Objective: To establish networks of community hospitals as demonstration programs to the medical community for the utility and need of an organized and multidisciplinary approach to the total care of breast cancer patients. Subcontractors include Trover Clinic, Jewish Hospital and Norton Children's Hospital.

8. Proposed Course: The contractor will develop uniform approaches to diagnosis and staging and evaluate uniform treatment protocols based on diagnosis and staging criteria; several approaches will be explored; evaluation is envisioned.

9. Progress: Formalized documentation of the development of a network of cooperating hospitals has been accomplished. Current community practices and past practices have been appraised. Lay and professional educational programs have been planned. Management guidelines for diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care were finalized in June 1975. Plans for the epidemiological and biostatistical components have been formalized. A multidisciplinary approach to breast cancer management has been accomplished.

10. Significance for Cancer Control Program: To identify, field test, and evaluate: diagnosis and pretreatment evaluation, treatment and follow-up care methods, and rehabilitative methods for the female breast cancer patient.

National Cancer Plan Objective: C3, C5, C6 Approaches: C3.3, C3.6
C5.3, C5.6
C6.3, C6.6

11. Project Officer: Dr. J. Hamner

12. FY 1975 Funds: $324,656

CONTRACT SUMMARY

1. Title: Prototype Network Demonstration Project in Breast Cancer

2. Principal Investigator: Dr. Roger S. Foster, Jr.
   85 South Prospect Street
   Burlington, Vermont 05401

3. Performing Organization: University of Vermont School of Medicine

4. Contract Number: 45145

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/77

7. Objective: To establish networks of community hospitals as demonstration programs to the medical community for the utility and need of an organized and multidisciplinary approach to the total care of breast cancer patients. Contract being performed in conjunction with Dartmouth College.

8. Proposed Course: The contractor will develop uniform approaches to diagnosis and staging and evaluate uniform treatment protocols based on diagnosis and staging criteria; several approaches will be explored; evaluation is envisioned.

9. Progress: Formalized documentation of the development of a network of cooperating hospitals has been accomplished. Current community practices and past practices have been planned. Management guidelines for diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care were finalized in June 1975. Plans for the epidemiological and biostatistical components have been formalized. A multidisciplinary approach to breast cancer management has been accomplished.

10. Significance for Cancer Control Program: To identify, field test, and evaluate: diagnosis and pretreatment evaluation, treatment and follow-up care methods, and rehabilitative methods for the female breast cancer patient.

    National Cancer Plan Objective: C3, C5, C6 Approaches: C3.3, C3.6
    C5.3, C5.6
    C6.3, C6.6

11. Project Officer: Dr. J. Hamner

12. FY 1975 Funds: $0

CONTRACT SUMMARY

1. Title: Prototype Network Demonstration Project in Breast Cancer

2. Principal Investigator: Dr. Simeon Cantril
P. O. Box 7999
San Francisco, California 94120

3. Performing Organization: West Coast Cancer Foundation
Pacific Medical Center

4. Contract Number: 45143

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/77

7. Objective: To establish networks of community hospitals as demonstration programs to the medical community for the utility and need of an organized and multidisciplinary approach to the total care of breast cancer patients.

8. Proposed Course: The contractor will develop uniform approaches to diagnosis and staging and evaluate uniform treatment protocols based on diagnosis and staging criteria; several approaches will be explored; evaluation is envisioned.

9. Progress: Formalized documentation of the development of a network of cooperating hospitals has been accomplished. Current community practices and past practices have been appraised. Lay and professional educational programs have been planned. Management guidelines for diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care were finalized in June 1975. Plans for the epidemiological and biostatistical components have been formalized. A multidisciplinary approach to breast cancer management has been accomplished.

10. Significance for Cancer Control Program: To identify, field test, and evaluate: diagnosis and pretreatment evaluation, treatment and follow-up care methods, and rehabilitative methods for the female breast cancer patient.

National Cancer Plan Objectives: C3, C5, C6 Approaches: C3.3, C3.6
C5.3, C5.6
C6.3, C6.6

11. Project Officer: Dr. J. Hamner

12. FY 1975 Funds: $325,000

CONTRACT SUMMARY

1. Title: Prototype Network Demonstration Project in Breast Cancer

2. Principal Investigator: Dr. Leslie W. Whitney
P. O. Box 1668
Wilmington, Delaware 28999

3. Performing Organization: Wilmington Medical Center, Executive Offices

4. Contract Number: 45151

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/77

7. Objective: To establish networks of community hospitals as demonstration programs to the medical community for the utility and need of an organized and multidisciplinary approach to the total care of cancer patients.

8. Proposed Course: The contractor will develop uniform approaches to diagnosis and staging and evaluate uniform treatment protocols based on diagnosis and staging criteria; several approaches will be explored; evaluation is envisioned.

9. Progress: Formalized documentation of the development of a network of cooperating hospitals has been accomplished. Current community practices and past practices have been appraised. Lay and professional educational programs have been planned. Management guidelines for diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care were finalized in June 1975. Plans for the epidemiological and biostatistical components have been formalized. A multidisciplinary approach to breast cancer management has been accomplished.

10. Significance for Cancer Control Program: To identify, field test, and evaluate: diagnosis and pretreatment evaluation, treatment and follow-up care methods, and rehabilitative methods for the female breast cancer patient.

National Cancer Plan Objective: C3, C5, C6 Approaches: C3.3, C3.6
C5.3, C5.6
C6.3, C6.6

11. Project Officer: Dr. J. Hamner

12. FY 1975 Funds: $301,004

CONTRACT SUMMARY

1. Title: Prototype Network Demonstration Project in Breast Cancer

2. Principal Investigator: Dr. Charles M. Huguley, Jr.
   718 Woodruff Building
   Atlanta, Georgia 30322

3. Performing Organization: Georgia Cancer Management Network
   Emory University

4. Contract Number: 55131

5. Starting Date: 9/15/74 6. Expiration Date: 9/14/77

7. Objective: To establish networks of community hospitals as demonstration programs to the medical community for the utility and need of an organized and multidisciplinary approach to the total care of breast cancer patients.

8. Proposed Course: The contractor will develop uniform approaches to diagnosis and staging and evaluate uniform treatment protocols based on diagnosis and staging criteria; several approaches will be explored; evaluation is envisioned.

9. Progress: Formalized documentation of the development of a network of cooperating hospitals has been accomplished. Current community practices and past practices have been appraised. Lay and professional educational programs have been planned. Management guidelines for diagnosis, pretreatment evaluation, treatment, rehabilitation, and continuing care were finalized in June 1975. Plans for the epidemiological and biostatistical components have been formalized. A multidisciplinary approach to breast cancer management has been accomplished.

10. Significance for Cancer Control Program: To identify, field test, and evaluate: diagnosis and pretreatment evaluation, treatment and follow-up care methods, and rehabilitative methods for the female breast cancer patient.

    National Cancer Plan Objective: C3, C5, C6 Approaches: C3.3, C3.6
    C5.3, C5.6
    C6.3, C6.6

11. Project Officer: Dr. J. Hamner

12. FY 1975 Funds: $325,000

CONTRACT SUMMARY

1. Title: Study of the Incidence and Natural History of Genital Tract Anomalies and Cancer in Offspring Exposed in Utero to Snythetic Estrogens

2. Principal Investigator: Dr. Arthur L. Herbst
Boston, Massachusetts 02114

3. Performing Organization: Massachusetts General Hospital

4. Contract Number: 45157

5. Starting Date: 6/27/74 6. Expiration Date: 6/26/77

7. Objective: Identify and study offspring of women who received synthetic estrogens during pregnancy between 1943 and 1963. Repeat examinations at regular intervals, perform diagnosis and follow-up and treatment as necessary. Approximately 1,000 offspring to be examined on this contract.

8. Proposed Course: The contractor will establish standard definition of eligibles and develop suitable approaches to elicit eligibles through information campaigns to physicians and general public via mass media. Evaluation will be performed and reported.

9. Progress: Have hired personnel, purchased necessary equipment, pre-tested 11 individuals and findings have been evaluated.

10. Significance for Cancer Control Program: To field test diagnostic and pretreatment evaluation in the female genitals.

National Cancer Plan Objective: C5 Approaches: C5.1, C5.2

11. Project Officer: Dr. Hamner

12. FY 1975 Funds: $247,188

CONTRACT SUMMARY

1. Title: Study of the Incidence and Natural History of Genital Tract Anomalies and Cancer in Offspring Exposed in Utero to Synthetic Estrogens

2. Principal Investigator: Dr. Townsend
University Park
Los Angeles, California 90007

3. Performing Organization: University of Southern California

4. Contract Number: 45122

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/77

7. Objective: Identify and study offspring of women who received synthetic estrogens during pregnancy between 1943 and 1963. Repeat examinations at regular intervals, perform diagnosis and follow-up and treatment as necessary. Approximately 1,000 offspring to be examined on this contract.

8. Proposed Course: The contractor will establish standard definition of eligibles and develop suitable approaches to elicit eligibles through information campaigns to physicians and general public via mass media. Evaluation will be performed and reported.

9. Progress: The first 3 months of the USC DES project have been involved with the establishment of offices and hiring of personnel to conduct the work specified in the contract. Also, a working relationship with the National Coordinator (DESAD) has been established.

10. Significance for Cancer Control Program: To field test diagnostic and pretreatment evaluation in the female genitals.

National Cancer Plan Objective: C5 Approaches: C5.1, C5.2

11. Project Officer: Dr. Hamner

12. FY 1975 Funds: $196,000

CONTRACT SUMMARY

1. Title: Study of the Incidence and Natural History of Genital Tract Anomalies and Cancer in Offspring Exposed in Utero to Synthetic Estrogens

2. Principal Investigators: Drs. Decker and Kurland
200 First Street, S. W.
Rochester, Minnesota 55901

3. Performing Organization: Mayo Foundation

4. Contract Number: 45124

5. Starting Date: 6/1/74 6. Expiration Date: 6/30/77

7. Objective: Identify and study offspring of women who received synthetic estrogens during pregnancy between 1943 and 1963. Repeat examinations at regular intervals, perform diagnosis and follow-up and treatment as necessary. Approximately 1,000 offspring to be examined on this contract.

8. Proposed Course: The contractor will establish standard definition of eligibles and develop suitable approaches to elicit eligibles through information campaigns to physicians and general public via mass media. Evaluation will be performed and reported.

9. Progress: DESAD Steering Committee met February 24-25, 1975. All centers were represented. General problems such as coding on various forms were discussed and ways suggested to improve them.

10. Significance for Cancer Control Programs: To field test diagnostic and pretreatment evaluation in the female genitals.

National Cancer Plan Objective: C5 Approaches: C5.1, C5.2

11. Project Officer: Dr. Hamner

12. FY 1975 Funds: FY 1975 obligation was fulfilled with FY 1974 funds in the amount of $234,455.

CONTRACT SUMMARY

1. Title: Study of the Incidence and Natural History of Genital Tract Anomalies and Cancer in Offspring Exposed in Utero to Synthetic Estrogens

2. Principal Investigator: Dr. Raymond H. Kaufman
1200 Moursund Avenue
Houston, Texas 77025

3. Performing Organization: Baylor College of Medicine

4. Contract Number: 45092

5. Starting Date: 6/24/74 6. Expiration Date: 6/23/77

7. Objective: Identify and study offspring of women who received synthetic estrogens during pregnancy between 1943 and 1963. Repeat examinations at regular intervals, perform diagnosis and follow-up and treatment as necessary. Approximately 1,000 offspring to be examined on this contract.

8. Proposed Course: The contractor will establish standard definition of eligibles and develop suitable approaches to elicit eligibles through information campaigns to physicians and general public via mass media. Evaluation will be performed and reported.

9. Progress: 153 patients have been examined. Chart reviews of physicians in Houston area are being continued. Contact has been made with health services at local universities and consent forms have been sent.

10. Significance for Cancer Control Program: To field test diagnostic and pretreatment evaluation in the female genitals.

National Cancer Plan Objective: C5 Approaches: C5.1, C5.2

11. Project Officer: Dr. Hamner

12. FY 1975 Funds: $14,500

CONTRACT SUMMARY

1. Title: Delaware Valley Pediatric Oncology Program and Central Tumor Registry

2. Principal Investigator: Dr. Audrey E. Evans
18th and Bainbridge Streets
Philadelphia, Pennsylvania 19146

3. Performing Organization: The Children's Hospital of Philadelphia

4. Contract Number: 55258

5. Starting Date: 6/30/75 6. Expiration Date: 8/29/77

7. Objective: To establish the average annual incidence rates for specific histologic types of cancer in children and produce the evidence, if any, of differences in survival according to whether the first definitive course of therapy was received at a cancer center or at a community hospital.

8. Proposed Course: Devise and test the feasibility of establishing and utilizing a data collecting system for pediatric malignant diseases within a prescribed geographic area for which the resident population is known from publications of the 1970 census. Design appropriate reporting forms containing suitable information concerning all forms of cancer in persons under the age of 15 years. Also to develop an effective central pediatric tumor registry within a prescribed geographic area.

9. Progress: New contract.

10. Significance for Cancer Control Program: To establish incidence rates for pediatric tumors and to determine influencing treatment factors on survival times.

National Cancer Plan Objective: C8 Approach: C8.1

11. Project Officer: Dr. Hamner

12. FY 1975 Funds: $477,859

CONTRACT SUMMARY

1. Title: Clinical Oncology Program

2. Principal Investigator: Dr. A. G. Glass
1956 Webster Street, Room 310-B
Oakland, California 94612

3. Performing Organization: Kaiser Foundation Research Institute

4. Contract Number: 55289

5. Starting Date: 6/30/75 6. Expiration Date: 6/29/76

7. Objective: To create mechanisms in the community for field-testing new methods and techniques to implement cancer control activities relating to diagnosis, treatment and rehabilitation of all stages of cancer.

8. Proposed Course: To develop multidisciplinary teams of clinical oncologists practicing in community hospitals. Such teams will be responsible for developing management schemes for the use of modern diagnostic and staging techniques as well as proven combined modalities of therapy and advanced rehabilitation and continuing care techniques for patients treated at the community level.

9. Progress: New contract

10. Significance for Cancer Control Program: To identify, field test and evaluate: diagnosis, pretreatment evaluation, treatment, rehabilitation and continuing care for all cancer patients.

National Cancer Plan Objective: C5 Approaches: C5.3, C5.6

11. Project Officer: Dr. Hamner

12. FY 1975 Funds: $32,592

CONTRACT SUMMARY

1. Title: Prototype Clinical Chemotherapy in Cancer Control

2. Principal Investigator: Dr. Louis Wasserman
   Fifth Avenue and 100th Street
   New York, New York 10029

3. Performing Organization: Mt. Sinai School of Medicine

4. Contract Number: 35009

5. Starting Date: 6/30/73 6. Expiration Date: 9/1/75

7. Objective: The objective of this procurement is that progress in chemotherapy and in combined modality therapy be extended widely, utilizing existing centers with the ability to bring modern combined modality therapy to susceptible tumors in children and/or adults and hospitals with the ability to provide high quality combined modality therapy for one or more of the susceptible tumors.

8. Proposed Course: The contractor will develop a prototype clinical chemotherapy program by recruitment of previously trained clinical chemotherapy fellows and by utilization of a system already established.

9. Progress: Continued efforts on all aspects of the program have been seen. Sepcial efforts toward a preliminary evaluation of the program have been made and were greatly facilitated by the addition of the nurse-epidemiologist. Seventy-two more patients have been enrolled in the program. Both the coordinator and the assistant coordinator have continued their contacts with participating hospitals and physicians.

10. Significance for Cancer Control Program: To demonstrate the treatment, follow-up and continuing care methods in leukemia and lymphoma.

    National Cancer Plan Objective: C5 Approaches: C5.1, C5.2

11. Project Officer: Dr. Hamner

12. FY 1975 Funds: $125,085

CONTRACT SUMMARY

1. Title: Prototype Clinical Chemotherapy in Cancer Control

2. Principal Investigator: Dr. G. Higgins
   4560 Sunset Boulevard
   Los Angeles, California 90054

3. Performing Organization: School of Medicine, University of Southern California

4. Contract Number: 35013

5. Starting Date: 4/20/73 6. Expiration Date: 4/19/76

7. Objective: The objective of this procurement is that progress in chemotherapy and in combined modality therapy be extended widely, utilizing existing centers with the ability to bring modern combined modality therapy to susceptible tumors in children and/or adults and hospitals with the ability to provide high quality combined modality therapy for one or more of the susceptible tumors.

8. Proposed Course: The contractor will develop a prototype clinical chemotherapy program by recruitment of previously trained clinical chemotherapy fellows and by utilization of a system already established.

9. Progress: Work has been directed toward the ongoing development and maintenance of a prototype clinical chemotherapy program in cancer control for the treatment of acute leukemia via a network of contributing hospitals and physicians with the capacity to speed the application of clinical cancer research data to childhood cancers as soon as appropriate.

10. Significance for Cancer Control Program: To demonstrate the treatment, follow-up and continuing care methods in leukemia and lymphoma.

    National Cancer Plan Objective: C5 Approaches: C5.1, C5.2

11. Project Officer: Dr. Hamner

12. FY 1975 Funds: $79,633

CONTRACT SUMMARY

1. Title: Prototype Clinical Chemotherapy in Cancer Control

2. Principal Investigator: Dr. John Durant
   1919 Seventh Avenue, South
   Birmingham, Alabama 35233

3. Performing Organization: University of Alabama in Birmingham

4. Contract Number: 35014

5. Starting Date: 6/5/73 6. Expiration Date: 6/4/76

7. Objective: The objective of this procurement is that progress in chemotherapy and in combined modality therapy be extended widely, utilizing existing centers with the ability to bring modern combined modality therapy to susceptible tumors in children and/or adults and hospitals with the ability to provide high quality combined modality therapy for one or more of the susceptable tumors.

8. Proposed Course: The contractor will develop a prototype clinical chemotherapy program by recruitment of previously trained clinical chemotherapy fellows and by utilization of a system already established.

9. Progress: Lymphoma network has been reviewed; treatment options for patients in the network are being discussed. Attention is being given to completion of system of documents for treatment of non-Hodgkin's lymphomas.

10. Significance for Cancer Control Program: To demonstrate the treatment, follow-up and continuing care methods in leukemia and lymphoma.

    National Cancer Plan Objective: C5 Approaches: C5.1, C5.2

11. Project Officer: Dr. Hamner

12. FY 1975 Funds: $125,085

CONTRACT SUMMARY

1. Title: Prototype Clinical Chemotherapy in Cancer Control

2. Principal Investigator: Dr. B. Lampkin
Elland and Bethesda Avenues
Cincinnati, Ohio 45229

3. Performing Organization: Children's Hospital Research Fund

4. Contract Number: 35015

5. Starting Date: 5/24/73 6. Expiration Date: 5/23/76

7. Objective: The objective of this procurement is that progress in chemotherapy and in combined modality therapy be extended widely, utilizing existing centers with the ability to bring modern combined modality therapy to susceptible tumors in children and/or adults and hospitals with the ability to provide high quality combined modality therapy for one or more of the susceptible tumors.

8. Proposed Course: The contractor will develop a prototype clinical chemotherapy program by recruitment of previously trained clinical chemotherapy fellows and by utilization of a system already established.

9. Progress: An exhibit demonstrating the radiation therapy dosimetry techniques for large irregular fields was presented at the Radiological Society of North America, Inc., in Chicago. On January 15-16, 1975, a family practice seminar on Hematology and Oncology was held in Covington, Kentucky. Eight new leukemia patients were registered. Plans are now underway to begin registration of Hodgkin's disease and non-Hodgkin's lymphoma patients.

10. Significance for Cancer Control Program: To demonstrate the treatment, follow-up and continuing care methods in leukemia and lymphoma.

National Cancer Plan Objective: C5 Approaches: C5.1, C5.2

11. Project Officer: Dr. Hamner

12. FY 1975 Funds: $78,828

CONTRACT SUMMARY

1. Title: Prototype Clinical Chemotherapy in Cancer Control

2. Principal Investigator: Dr. O. Ross McIntyre
Dartmouth College
Hanover, New Hampshire 03775

3. Performing Organization: Dartmouth Medical School, Dartmouth College

4. Contract Number: 35017

5. Starting Date: 6/5/73 6. Expiration Date: 6/4/76

7. Objective: The objective of this procurement is that progress in chemotherapy and in combined modality therapy be extended widely, utilizing existing centers with the ability to bring modern combined modality therapy to susceptible tumors in children and/or adults and hospitals with the ability to provide high quality combined modality therapy for one or more of the susceptible tumors.

8. Proposed Course: The contractor will develop a prototype clinical chemotherapy program by recruitment of previously trained clinical chemotherapy fellows and by utilization of a system already established.

9. Progress: Cooperative agreement for project participants has been developed. Protocol for staging and treatment of previously untreated malignant lymphoma has been submitted.

10. Significance for Cancer Control Program: To demonstrate the treatment, follow-up and continuing care methods in leukemia and lymphoma.

National Cancer Plan Objective: C5 Approaches: C5.1, C5.2

11. Project Officer: Dr. Hamner

12. FY 1975 Funds: $41,174

CONTRACT SUMMARY

1. Title: Prototype Clinical Chemotherapy in Cancer Control

2. Principal Investigator: Dr. Charlene Holton
1056 East 19th Avenue
Denver, Colorado 80318

3. Performing Organization: Children's Hospital

4. Contract Number: 35019

5. Starting Date: 6/14/73 6. Expiration Date: 6/13/76

7. Objective: The objective of this procurement is that progress in chemotherapy and in combined modality therapy be extended widely, utilizing existing centers with the ability to bring modern combined modality therapy to susceptible tumors in children and/or adults and hospitals with the ability to provide high quality combined modality therapy for one or more of the susceptible tumors.

8. Proposed Course: The contractor will develop a prototype clinical chemotherapy program by recruitment of previously trained clinical chemotherapy fellows and by utilization of a system already established.

9. Progress: Have begun new outreach program in Pueblo. Lectures in radiotherapy; set up tumor clinic in Pueblo; continue to add patients with Hodgkin's disease to registry.

10. Significance for Cancer Control Program: To demonstrate the treatment, follow-up and continuing care methods in leukemia and lymphoma.

National Cancer Plan Objective: C5 Approaches: C5.1, C5.2

11. Project Officer: Dr. Hamner

12. FY 1975 Funds: $114,245

CONTRACT SUMMARY

1. Title: Prototype Clinical Chemotherapy in Cancer Control

2. Principal Investigator: Dr. Richard Silver
525 East 68th Street
New York, New York 10021

3. Performing Organization: Cornell University Medical College

4. Contract Number: 35025

5. Starting Date: 6/18/73 6. Expiration Date: 6/17/76

7. Objective: The objective of this procurement is that progress in chemotherapy and in combined modality therapy be extended widely, utilizing existing centers with the ability to bring modern combined modality therapy to susceptible tumors in children and/or adults and hospitals with the ability to provide high quality combined modality therapy for one or more of the susceptible tumors.

8. Proposed Course: The contractor will develop a prototype clinical chemotherapy program by recruitment of previously trained clinical chemotherapy fellows and by utilization of a system already established.

9. Progress: Case accrual is continuing; patients are being added to the system. Educational program is in operation and functioning well.

10. Significance for Cancer Control Program: To demonstrate the treatment, follow-up and continuing care methods for leukemia and lymphoma.

National Cancer Plan Objective: C5 Approaches: C5.1, C5.2

11. Project Officer: Dr. Hamner

12. FY 1975 Funds: $101,697

CONTRACT SUMMARY

1. Title: Development and Utilization of Rehabilitation and/or Continuing Care Resources and Services

2. Principal Investigator: Dr. Susan Mellette
1200 East Broad Street
Richmond, Virginia 23298

3. Performing Organization: Medical College of Virginia, Health Sciences

4. Contract Number: 45144

5. Starting Date: 6/15/74 6. Expiration Date: 9/14/75

7. Objective: To identify the resources, facilities and services needed in the outpatient clinic and at home for the rehabilitation and/or continuing care of the oncology patient. Provide for the education of health care specialists. Evaluate the benefits of definite follow-up care.

8. Proposed Course: The contractor will provide for continuing care by the organization of a multidisciplinary visiting health care team and volunteers.

9. Progress: Report from each of six teams (head and neck, pediatrics, continuing care, breast and other sites) is given including staff activities.

10. Significance for Cancer Control Program: To demonstrate rehabilitative and continuing care methods and their benefits to cancer patients.

National Cancer Plan Objective: C7 Approaches: C7.1, C7.2, C7.5

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $274,506

CONTRACT SUMMARY

1. Title: Development and Utilization of Rehabilitation and/or Continuing Care Resources and Services

2. Principal Investigator: Dr. Sylvia A. Lack
765 Prospect Street
New Haven, Connecticut

3. Performing Organization: Hospice, Inc.

4. Contract Number: 55053

5. Starting Date: 9/3/74 6. Expiration Date: 12/2/75

7. Objective: To identify the resources, facilities and services needed in the outpatient clinic and at home for the rehabilitation and/or continuing care of the oncology patient. Provide for the education of health care specialists. Evaluate the benefits of definite follow-up care.

8. Proposed Course: The contractor will provide for continuing care by the organization of a multidisciplinary visiting health care team and volunteers.

9. Progress: The program has been extended to 60 families. Multi-disciplinary team formed and volunteers trained.

10. Significance for Cancer Control Program: To demonstrate rehabilitative and continuing care methods and their benefits to cancer patients.

National Cancer Plan Objective: C7 Approaches: C7.1, C7.2, C7.5

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $331,762

CONTRACT SUMMARY

1. Title: Oncology Nursing Programs in Medical Centers

2. Principal Investigator: Ms. Dorothy T. Wilson
666 Elm Street
Buffalo, New York 14203

3. Performing Organization: New York State Department of Health
Roswell Park Division

4. Contract Number: 55063

5. Starting Date: 9/1/74 6. Expiration Date: 8/31/77

7. Objective: To develop and implement in NCI-supported cancer centers comprehensive programs for training nurses in the specialized techniques and practices used in cancer patient care. Anticipate 280 registered professional nurses and undergraduate nursing students trainees during 3-year period of contract.

8. Proposed Course: Initiate and develop new educational programs, or expand existing programs for nursing personnel. At least one course should be a basic "core" course of 6 weeks (240 hours). Longer continuing education courses may be provided. The program will emphasize the nursing aspects of treatment, rehabilitation and long-term care of cancer patients as well as nursing responsibilities in prevention, screening, detection and supportive care of patients and families.

9. Progress: The courses are being offered as scheduled with a program design using educational methods and instructional media consistent with the background and experience of the trainees. Recruitment of trainees is in process. Appropriately qualified faculty have been recruited. Program evaluation is an integral part of the program design.

10. Significance for Cancer Control Program: Treatment and follow-up care methods in multiple sites.

National Cancer Plan Objective: C5 Approach: C5.5

11. Project Officer: Mrs. Lunceford

12. FY 1975 Funds: $90,388

CONTRACT SUMMARY

1. Title: Oncology Nursing Programs in Medical Centers

2. Principal Investigator: Ms. Donna Diers
   38 South Street
   New Haven, Connecticut 06519

3. Performing Organization: Yale University

4. Contract Number: 45138

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/77

7. Objective: Develop and implement in medical centers comprehensive training programs for nurses in specialized techniques and practices used in cancer patient care. Anticipate 250 students trained on this contract, registered professional nurses and undergraduate nursing students.

8. Proposed Course: Initiate and develop new educational programs, or expand existing programs for nursing personnel. At least one course should be basic "core" course of 6 weeks (240 hours). Longer continuing education courses may be provided. The programs will emphasize the nursing aspects to treatment, rehabilitation and long-term care of cancer patients as well as nursing responsibilities in prevention, screening, detection and supportive care of patients and families.

9. Progress: The courses are being offered as scheduled with a program design using educational methods and instructional media consistent with the background and experience of the trainees. Recruitment of trainees is in process. Appropriately qualified faculty have been recruited. Program evaluation is an integral part of the program design.

10. Significance for Cancer Control Program: To demonstrate treatment, follow-up and continuing care methods in multiple sites.

    National Cancer Plan Objective: C5 Approach: C5.5

11. Project Officer: Mrs. Lunceford

12. FY 1975 Funds: FY 1975 obligation was fulfilled with FY 1974 funds in the amount of $180,963.

CONTRACT SUMMARY

1. Title: Oncology Training Programs in Medical Centers

2. Principal Investigator: Ms. M. H. Walton
Salt Lake City, Utah 84112

3. Performing Organization: University of Utah

4. Contract Number: 45141

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/77

7. Objective: To develop and implement in medical centers comprehensive training programs for nurses in specialized techniques and practices used in cancer patient care. Anticipate 394 registered professional nurses and professional nursing students trained under this 3-year contract.

8. Proposed Course: Initiate and develop new educational programs, or expand existing programs for nursing personnel. At least one course should be a basic "core" course of 6 weeks (240 hours). Longer continuing education courses may be provided. The program will emphasize the nursing aspects of treatment, rehabilitation and long-term care of cancer patients as well as nursing responsibilities in prevention, screening, detection and supportive care of patients and families.

9. Progress: The courses are being offered as scheduled with a program design using educational methods and instructional media consistent with the background and experience of the trainees. Recruitment of trainees is in process. Appropriately qualified faculty have been recruited. Program evaluation is an integral part of the program design.

10. Significance for Cancer Control Program: To demonstrate treatment and follow-up care methods in multiple sites.

National Cancer Plan Objective: C5 Approach: C5.5

11. Project Officer: Mrs. Lunceford

12. FY 1975 Funds: FY 1975 obligation was fulfilled with FY 1974 funds in the amount of $166,475.

CONTRACT SUMMARY

1. Title: Oncology Nursing Programs in Cancer Centers

2. Principal Investigator: Ms. Doris Cayer
635 Commonwealth Avenue
Boston, Massachusetts 02215

3. Performing Organization: Boston University

4. Contract Number: 55142

5. Starting Date: 10/15/74 6. Expiration Date: 10/14/77

7. Objective: To develop and implement in NCI-supported cancer centers comprehensive programs for training nurses in the specialized techniques and practices used in cancer patient care. Anticipate 250 professional nurse trainees during 3-year contract period.

8. Proposed Course: Initiate and develop new educational programs, or expand existing programs for nursing personnel. At least one course should be a basic "core" course of 6 weeks (240 hours). Longer continuing education courses may be provided. The program will emphasize the nursing aspects of treatment, rehabilitation and long-term care of cancer patients as well as nursing responsibilities in prevention, screening, detection and supportive care of patients and families.

9. Progress: The courses are being offered as scheduled with a program design using educaitonal methods and instructional media consistent with the background and experience of the trainees. Recruitment of trainees is in process. Appropriately qualified faculty have been recruited. Program evaluation is an integral part of the program design.

10. Significance for Cancer Control Program: Treatment and follow-up care methods in multiple sites.

National Cancer Plan Objective: C5 Approach: C5.5

11. Project Officer: Mrs. Lunceford

12. FY 1975 Funds: $117,179

CONTRACT SUMMARY

1. Title: Oncology Nursing Programs in Cancer Centers

2. Principal Investigator: Dr. Norma Kolthoff
1402 University Avenue
Madison, Wisconsin 53706

3. Performing Organization: University of Wisconsin

4. Contract Number: 45115

5. Starting Date: 6/1/74 6. Expiration Date: 5/31/77

7. Objective: Develop and implement in NCI-supported cancer centers comprehensive training programs for nurses in the specialized techniques and practices used in cancer patient care. During the 3-year contract 2,856 nursing personnel are to be trained. Programs are designed for professional undergraduate and graduate nursing students, registered professional nurses, licensed practical nurses and nurses' aides.

8. Proposed Course: Initiate and develop new educational programs, or expand existing programs for nursing personnel. At least one course should be a basic "core" course of 6 weeks (240 hours). Longer continuing education courses may be provided. At least one course should make provisions for Licensed Practical Nurses and/or Licensed Vocational Nurses. The program will emphasize the nursing aspects of treatment, rehabilitation and long-term care of cancer patients as well as nursing responsibilities in prevention, screening, detection and supportive care of patients and families.

9. Progress: The courses are being offered as scheduled with a program design using educational methods and instructional media consistent with the background and experience of the trainees. Recruitment of trainees is in process. Appropriately qualified faculty have been recruited. Program evaluation is an integral part of the program design.

10. Significance for Cancer Control Program: To demonstrate treatment, follow-up and continuing care methods in multiple sites.

National Cancer Plan Objective: C5 Approach: C5.5

11. Project Officer: Mrs. Lunceford

12. FY 1975 Funds: $84,120

CONTRACT SUMMARY

1. Title: Oncology Nursing Programs in Cancer Centers

2. Principal Investigator: Ms. Mary Brown
   1275 York Avenue
   New York, New York 10021

3. Performing Organization: Memorial Hospital for Cancer and Allied Diseases

4. Contract Number: 45123

5. Starting Date: 6/1/74 6. Expiration Date: 5/31/77

7. Objective: Develop and implement in NCI-supported cancer centers comprehensive training programs for nurses in the specialized techniques and practices used in cancer patient care. Nursing personnel to be trained under the 3-year contract total 293.

8. Proposed Course: Initiate and develop new educational programs, or expand existing programs for nursing personnel. At least one course should be a basic "core" course of 6 weeks (240 hours). Longer continuing education courses may be provided. At least one course should make provisions for Licensed Practical Nurses and/or Licensed Vocational Nurses. The program will emphasize the nursing aspects of treatment, rehabilitation and long-term care of cancer patients as well as nursing responsibilities in prevention, screening, detection and supportive care of patients and families.

9. Progress: The courses are being offered with a program design using educational methods and instructional media consistent with the background and experience of the trainees. Recruitment of trainees is in process. Appropriately qualified faculty have been recruited. Program evaluation is an integral part of the program design. During the first year of the contract period, 66 professional nurse trainees have completed the 1-week "Overview" courses. Eleven professional nurse trainees have completed the 3-week Surgical Oncology Specialty Course and 10 professional nurse trainees have completed the 3-week Medical Oncology Specialty Course.

10. Significance for Cancer Control Program: To demonstrate treatment, follow-up and continuing care methods in multiple sites.

    National Cancer Plan Objective: C5 Approach: C5.5

11. Project Officer: Mrs. Lunceford

12. FY 1975 Funds: $171,282

CONTRACT SUMMARY

1. Title: Oncology Nursing Programs in Cancer Centers

2. Principal Investigator: Ms. Renilda Hilkemeyer
M. D. Anderson Hospital and Tumor Institute
6723 Bertner Avenue
Houston, Texas 77025

3. Performing Organization: University of Texas System Cancer Center

4. Contract Number: 45127

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/77

7. Objective: Develop and implement in NCI-sponsored cancer centers comprehensive training programs for nurses in the specialized techniques and practices used in cancer patient care. Nursing personnel to be trained under this contract in 3 years number 250.

8. Proposed Course: Initiate and develop new educational programs, or expand existing programs for nursing personnel. At least one course should be a basic "core" course of 6 weeks (240 hours). Longer continuing education courses may be provided. At least one course should make provisions for Licensed Practical Nurses and/or Licensed Vocational Nurses. The program will emphasize the nursing aspects of treatment, rehabilitation and long-term care of cancer patients as well as nursing responsibilities in prevention, screening, detection and supportive care of patients and families.

9. Progress: The courses are being offered with a program design using educational methods and instructional media consistent with the background and experience of the trainees. Recruitment of trainees is in process. Appropriately qualified faculty have been recruited. Program evaluation is an integral part of the program design.

10. Significance for Cancer Control Program: To demonstrate treatment, follow-up and continuing care methods in multiple sites.

National Cancer Plan Objective: C5 Approach: C5.5

11. Project Officer: Mrs. Lunceford

12. FY 1975 Funds: $129,203

CONTRACT SUMMARY

1. Title: Oncology Nursing Programs in Cancer Centers

2. Principal Investigator: Dr. Edna L. Fritz
1585 Neil Avenue
Columbus, Ohio 43210

3. Performing Organization: Ohio State University Research Foundation

4. Contract Number: 45128

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/77

7. Objective: Develop and implement in NCI-sponsored cancer centers comprehensive programs for training nurses in the specialized techniques and practices used in cancer patient care. Anticipate 250 professional nursing students, undergraduate, graduate and registered professional nurses trained during this 3-year contract period.

8. Proposed Course: Initiate and develop new educational programs, or expand existing programs for nursing personnel. At least one course should be a basic "core" course of 6 weeks (240 hours). Longer continuing education courses may be provided. The program will emphasize the nursing aspects of treatment, rehabilitation and long-term care of cancer patients as well as nursing responsibilities in prevention, screening, detection and supportive care of patients and families.

9. Progress: The courses are being offered as scheduled with a program design using educational methods and instructional media consistent with the background and experience of the trainees. Recruitment of trainees is in process. Appropriately qualified faculty have been recruited. Program evaluation is an integral part of the program design. Twenty-four undergraduate and 20 graduate nursing students have completed oncology nursing courses and 17 registered professional nurses attended oncology workshops during the first year of the contract.

10. Significance for Cancer Control Program: To demonstrate treatment, follow-up and continuing care methods in multiple sites.

National Cancer Plan Objective: C5 Approach: C5.5

11. Project Officer: Mrs. Lunceford

12. FY 1975 Funds: $122,483

CONTRACT SUMMARY

1. Title: Oncology Nursing Programs in Community Hospitals

2. Principal Investigator: Dr. Carl W. Boyer, Jr.
P. O. Box 861
Honolulu, Hawaii 96808

3. Performing Organization: Queen's Medical Center

4. Contract Number: 45153

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/77

7. Objective: To develop and implement in community hospitals comprehensive training programs for nurses in specialized techniques and practices used in cancer patient care. Under this 3-year contract 250 nurses are to be trained.

8. Proposed Course: Initiate and develop new educational programs or expand existing programs for nursing personnel. At least one course should be a basic "core" course of 2 weeks (80 hours). Longer continuing education courses may be provided. At least one course should make provisions for Licensed Practical Nurses and/or Licensed Vocational Nurses. The program will emphasize the nursing aspects of treatment, rehabilitation and long-term care of cancer patients as well as nursing responsibilities in prevention, screening, detection and supportive care of patients and families.

9. Progress: The courses are being offered as scheduled with a program design using educational methods and instructional media consistent with the background and experience of the trainees. Recruitment of trainees is in process. Appropriately qualified faculty have been recruited. Program evaluation is an integral part of the program design. A total of 83 participants, 69 registered professional nurses and 14 licensed practical nurses completed the courses offered during the first year of the contract.

10. Significance for Cancer Control Program: To demonstrate treatment and follow-up care methods in multiple sites.

National Cancer Plan Objective: C5 Approach: C5.5

11. Project Officer: Mrs. Lunceford

12. FY 1975 Funds: FY 1975 obligation was fulfilled with FY 1974 funds in the amount of $113,507.

CONTRACT SUMMARY

1. Title: Oncology Nursing Programs in Community Hospitals

2. Principal Investigator: Ms. Alice J. Labadie
1120 South Utica Avenue
Tulsa, Oklahoma 74104

3. Performing Organization: Hillcrest Medical Center

4. Contract Number: 55181

5. Starting Date: 10/1/74 6. Expiration Date: 9/30/77

7. Objective: To develop and implement in community hospitals comprehensive training programs for nurses in specialized techniques and practices used in cancer patient care. Under this 3-year contract 325 nursing personnel are to be trained.

8. Proposed Course: Initiate and develop new educational programs, or expand existing programs for nursing personnel. At least one course should be a basic "core" course of 2 weeks (80 hours). Longer continuing education courses may be provided. At least one course should make provisions for Licensed Practical Nurses and/or Licensed Vocational Nurses. The program will emphasize the nursing aspects of treatment, rehabilitation and long-term care of cancer patients as well as nursing responsibilities in prevention, screening, detection and supportive care of patients and families.

9. Progress: The courses are being offered as scheduled with a program design using educational methods and instructional media consistent with the background and experience of the trainees. Recruitment of trainees is in process. Appropriately qualified faculty have been recruited. Program evaluation is an integral part of the program design.

10. Significance for Cancer Control Program: Treatment and follow-up care methods in multiple sites.

National Cancer Plan Objective: C5 Approach: C5.5

11. Project Officer: Mrs. Lunceford

12. FY 1975 Funds: $72,874

CONTRACT SUMMARY

1. Title: Oncology Nursing Programs in Community Hospitals

2. Principal Investigator: Ms. Charlotte C. Wright
64 Robbins Street
Waterbury, Connecticut 06720

3. Performing Organization: Waterbury Hospital Health Center

4. Contract Number: 45135

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/77

7. Objective: To develop and implement in community hospitals comprehensive training programs for nursing personnel in specialized techniques and practices used in cancer patient care. Anticipate 1500 trainees, including registered professional nurses, licensed practical nurses, nurses aides and volunteers.

8. Proposed Course: Initiate and develop new educational programs, or expand existing programs for nursing personnel. At least one course should be a basic "core" course of 2 weeks (80 hours). Longer continuing education courses may be provided. At least one course should make provisions for Licensed Practical Nurses and/or Licensed Vocational Nurses. The program will emphasize the nursing aspects of treatment, rehabilitation and long-term care of cancer patients as well as nursing responsibilities in prevention, screening, detection and supportive care of patients and families.

9. Progress: The courses are being offered as scheduled with a program design using educational methods and instructional media consistent with the background and experience of the trainees. Recruitment of trainees is in process. Appropriately qualified faculty have been recruited. Program evaluation is an integral part of the program design.

10. Significance for Cancer Control Program: To demonstrate treatment and follow-up care methods in multiple sites.

National Cancer Plan Objective: C5 Approach: C5.5

11. Project Officer: Mrs. Lunceford

12. FY 1975 Funds: $159,444

CONTRACT SUMMARY

1. Title: Oncology Nursing Program in Medical Centers and Cancer Hospitals

2. Principal Investigator: Erica Janzen
Department of Oncology
5050 Cass Avenue
Detroit, Michigan 48201

3. Performing Organization: Wayne State University

4. Contract Number: 55239

5. Starting Date: 6/30/75 6. Expiration Date: 6/30/76

7. Objective: To develop and implement in community hospitals comprehensive training programs for nursing personnel in specialized techniques and practices used in cancer patient care. Anticipate 1500 trainees, including registered professional nurses, licensed practical nurses, nurses aides and volunteers.

8. Proposed Course: Initiate and develop new educational programs, or expand existing programs for nursing personnel. At least one course should be a basic "core" course of 2 weeks (80 hours). Longer continuing education courses may be provided. At least one course should make provisions for Licensed Practical Nurses and/or Licensed Vocational Nurses. The program will emphasize the nursing aspects of treatment, rehabilitation and long-term care of cancer patients as well as nursing responsibilities in prevention, screening, detection and supportive care of patients and families.

9. Progress: Newly awarded contract.

10. Significance for Cancer Control Program: To demonstrate treatment and follow-up care methods in multiple sites.

National Cancer Plan Objective: C5 Approach: C5.5

11. Project Officer: Mrs. Lunceford

12. FY 1975 Funds: $298,433

CONTRACT SUMMARY

1. Title: Oncology Nursing Program in Medical Centers and Cancer Hospitals

2. Principal Investigator: Susan Sverha
37th and O Streets, N. W.
Washington, D. C. 20057

3. Performing Organization: Georgetown School of Nursing

4. Contract Number: 55240

5. Starting Date: 6/30/75 6. Expiration Date: 6/30/78

7. Objective: To develop and implement in community hospitals comprehensive training programs for nursing personnel in specialized techniques and practices used in cancer patient care. Anticipate 1500 trainees, including registered professional nurses, licensed practical nurses, nurses aides and volunteers.

8. Proposed Course: Initiate and develop new educational programs, or expand existing programs for nursing personnel. At least one course should be a basic "core" course of 2 weeks (80 hours). Longer continuing education courses may be provided. At least one course should make provisions for Licensed Practical Nurses and/or Licensed Vocational Nurses. The program will emphasize the nursing aspects of treatment, rehabilitation and long-term care of cancer patients as well as nursing responsibilities in prevention, screening, detection and supportive care of patients and families.

9. Progress: New contract

10. Significance for Cancer Control Program: To demonstrate treatment and follow-up care methods in multiple sites.

National Cancer Plan Objective: C5 Approach: C5.5

11. Project Officer:

12. FY 1975 Funds: $132,089

CONTRACT SUMMARY

1. Title: Enterostomal Therapy Education Program

2. Principal Investigator: Ms. Renilda Hilkemeyer
   M. D. Anderson Hospital and Tumor Institute
   Houston, Texas 77025

3. Performing Organization: University of Texas

4. Contract Number: 45111

5. Starting Date: 6/1/74 6. Expiration Date: 5/31/77

7. Objective: Develop new centers including course material, staff and facilities, for the education and training of enterostomal therapists. This contract to train a total of 56 therapists, 16 in the first year and 20 in each of the following 2 years of contract duration.

8. Proposed Course: The contractor will develop training aids and design an intensive 6-week course curricula for training of enterostomal therapists which will be concerned with physical, psychological, social and economic aspects of the patient.

9. Progress: Curricula designed; applications have been accepted; first group of therapists prepared.

10. Significance for Cancer Control Program: To demonstrate rehabilitative methods in the colon and rectum.

    National Cancer Plan Objective: C5 Approach: C5.5

11. Project Officer: Mrs. Lunceford

12. FY 1975 Funds: $56,318

CONTRACT SUMMARY

1. Title: Enterostomal Therapy Training Program

2. Principal Investigator: Dr. William C. McGarity
Atlanta, Georgia 30322

3. Performing Organization: Emory University

4. Contract Number: 45102

5. Starting Date: 6/1/74 6. Expiration Date: 5/31/77

7. Objective: Develop new centers, including course material, staff and facilities, for the education and training of enterostomal therapists. Operate five 6-week training courses each year and train a minimum of 30 persons each year.

8. Proposed Course: The contractor will develop training aids and design an intensive 6-week course curricula for training of enterostomal therapists which will be concerned with the physical, psychological, social and economic needs of the patient.

9. Progress: The first group of enterostomal therapists has been trained; recruitment and acceptance for other groups has been accomplished. At the completion of the first contract year, 28 registered professional nurses have been graduated and certified E.T.'s.

10. Significance for Cancer Control Program: To demonstrate rehabilitative methods in the colon and rectum.

National Cancer Plan Objective: C5 Approach: C5.5

11. Project Officer: Mrs. Lunceford

12. FY 1975 Funds: $59,963

CONTRACT SUMMARY

1. Title: Enterostomal Therapy Education Program

2. Principal Investigator: Dr. M. Conway
   881 Commonwealth Avenue
   Boston, Massachusetts

3. Performing Organization: Boston University

4. Contract Number: 45112

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/77

7. Objective: Develop new centers including course material, staff and facilities for the education and training of enterostomal therapists. This contract to train a total of 105 therapists over duration of contract.

8. Proposed Course: The contractor will develop training aids and will design an intensive 6-week course curricula for training of enterostomal therapists which will be concerned with the physical, psychological, social and economic needs of patients.

9. Progress: Curricula designed; recruitment procedure outlined; group of therapists has been accomplished. During the first year of contract, 34 registered professional nurses have been graduated.

10. Significance for Cancer Control Program: To demonstrate rehabilitative methods in the colon and rectum.

    National Cancer Plan Objective: C5 Approach: C5.5

11. Project Officer: Mrs. Lunceford

12. FY 1975 Funds: $90,188

CONTRACT SUMMARY

1. Title: Oncology Nursing Program in Medical Centers and Cancer Hospitals

2. Principal Investigator: Arlowayne Swort
3017 Cathedral of Learning
Pittsburgh, Pennsylvania 15260

3. Performing Organization: University of Pittsburg

4. Contract Number: 55186

5. Starting Date: 6/24/75 6. Expiration Date: 6/24/78

7. Objective: To develop and implement in community hospitals comprehensive training programs for nursing personnel in specialized techniques and practices used in cancer patient care. Anticipate 1500 trainees, including registered professional nurses, licensed practical nurses, nurses aides and volunteers.

8. Proposed Course: Initiate and develop new educational programs, or expand existing programs for nursing personnel. At least one course should be a basic "core" course of 2 weeks (80 hours). Longer continuing education courses may be provided. At least one course should make provisions for Licensed Practical Nurses and/or Licensed Vocational Nurses. The program will emphasize the nursing aspects of treatment, rehabilitation and long-term care of cancer patients as well as nursing responsibilities in prevention, screening, detection and supportive care of patients and families.

9. Progress: New contract

10. Significance for Cancer Control Program: To demonstrate treatment and follow-up care methods in multiple sites.

National Cancer Plan Objective: C5 Approach: C5.5

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $160,595

CONTRACT SUMMARY

1. Title: Training Programs for Maxillofacial Prosthodontists and Maxillofacial Dental Technicians

2. Principal Investigator: Dr. James B. Lepley
444 East 68th Street
New York, New York 10021

3. Performing Organization: Memorial Hospital for Cancer and Allied Diseases

4. Contract Number: 45048

5. Starting Date: 12/1/73

6. Expiration Date: 11/30/75
Extended 7 months

7. Objective: The objective of this project is twofold: 1) provide for the training of additional prosthodontists in the use of maxillofacial prosthesis for rehabilitation of patients with cancer of the head and neck, and 2) to provide for the training of additional maxillofacial dental appliance necessary to the rehabilitation of patients with head and neck cancer.

8. Proposed Course: Request to extend the scope of work was granted with an additional 7 months. Hence two Maxillofacial Prosthodontists and two Dental Technicians will be trained in 1975-1976 program.

9. Progress: One Maxillofacial Prosthodontist and two Dental Technicians will complete their training.

10. Significance for Cancer Control Program: The program is directly related to DCCR objectives. Implementation of this comprehensive Maxillofacial Training Program would reduce the nations acute shortage and increasing demand of Maxillofacial Prosthodontists and Dental Technicians to help rehabilitate head and neck cancer patients.

National Cancer Plan Objectives: C6, C7 Approaches: C6.3, C6.5 C7.1, C7.5

11. Project Officer: Dr. Choksi

12. FY 1975 Funds: $46,482

CONTRACT SUMMARY

1. Title: Training Programs for Maxillofacial Prosthodontist and Maxillofacial Dental Technicians

2. Principal Investigator: Norman G. Schaaf
666 Elm Street
Buffalo, New York 14203

3. Performing Organization: New York State Department of Health

4. Contract Number: 45101

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/76

7. Objective: The objective of this project is two fold: 1) to provide for the training of additional prosthodontists in the use of maxillofacial prosthesis for rehabilitation of patients with cancer of head and neck, and 2) to provide for the training of additional maxillofacial dental appliance necessary to the rehabilitation of patients with head and neck cancer.

8. Proposed Course: Two Prosthodontists and two Dental Technicians have been selected for 1975-1976 programs.

9. Progress: Two Maxillofacial Prosthodontists and two Dental Technicians have completed their training program (1974-1975). All have secured new positions around the nation.

10. Significance for Cancer Control Program: The program is directly related to DCCR objectives. Implementation of this comprehensive Maxillofacial Training Program would reduce the nations acute shortage and increasing demand of Maxillofacial Prosthodontists and Dental Technicians to help rehabilitate head and neck cancer patients.

National Cancer Plan Objectives: C6, C7 Approaches: C6.3, C6.5 C7.1, C7.5

11. Project Officer: Dr. Choksi

12. FY 1975 Funds: $139,573

CONTRACT SUMMARY

1. Title: Training Programs for Maxillofacial Prosthodontists and Maxillofacial Dental Technicians

2. Principal Investigator: Dr. I. Kenneth Adisman
412 First Street
New York, New York 10010

3. Performing Organization: New York University
Brookdale Dental Clinic

4. Contract Number: 45113

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/78

7. Objective: The objectives of this project are twofold: 1) to provide for the training of additional prosthodontists in the use of maxillofacial prosthesis for rehabilitation of patients with cancer of the head and neck; 2) to provide for the training of additional maxillofacial dental technicians in the fabrication of prosthetic devices and appliance necessary to the rehabilitation of patients with head and neck cancer.

8. Proposed Course: Two maxillofacial prosthodontists and two dental technicians have been selected for 1975-1976 program.

9. Progress: One maxillofacial prosthodontist and one dental technician will complete their training in November 1975.

10. Significance for Cancer Control Program: The program is directly related to DCCR objectives. Implementation of this comprehensive maxillofacial training program would reduce the national acute shortage and increasing demand of maxillofacial prosthodontists and dental technicians to help rehabilitate head and neck cancer patients.

National Cancer Plan Objectives: C6, C7 Approaches: C6.3, C6.5 C7.1, C7.5

11. Project Officer: Dr. Choksi

12. FY 1975 Funds: $172,135

CONTRACT SUMMARY

1. Title: Training Programs for Maxillofacial Prosthodontists and Maxillofacial Dental Technicians

2. Principal Investigator: Joe B. Drane
6723 Bertner Avenue
Houston, Texas 77025

3. Performing Organization: University of Texas System Cancer Center

4. Contract Number: 45114

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/76

7. Objective: The objective of this project is twofold: 1) to provide for the training of additional prosthodontist in the use of maxillofacial prosthesis for rehabilitation of patients with cancer of the head and neck, 2) to provide for the training of additional maxillofacial dental technicians in the fabrication of prosthetic devices and appliances necessary to the rehabilitation of patients with head and neck cancer.

8. Proposed Course: Selection has been made for the 1975-1976 residency and dental technician program.

9. Progress: Curriculum prepared for dental technicians. Three maxillofacial dental technicians will complete their training.

10. Significance for Cancer Control Program: The program is directly related to DCCR objectives. Implementation of this comprehensive maxillofacial training program would reduce the national acute shortage and increasing demand of maxillofacial prosthodontists and dental technicians to help rehabilitate head and neck cancer patients.

National Cancer Plan Objectives: C6, C7 Approaches: C6.3, C6.5 C7.1, C7.5

11. Project Officer: Dr. Choksi

12. FY 1975 Funds: $146,037

CONTRACT SUMMARY

1. Title: Demonstration of Benefits of Early Identification of Psychosocial Problems and Early Intervention Toward the Rehabilitation of Cancer Patients

2. Principal Investigator: Dr. Kenneth O. Williams
P. O. Box 54700
Los Angeles, California 90027

3. Performing Organization: Children's Hospital of Los Angeles

4. Contract Number: 55187

5. Starting Date: 5/15/75 6. Expiration Date: 5/14/76

7. Objective: To develop a program to demonstrate the benefits of early identification of psychosocial problems and early intervention toward rehabilitation of cancer patients.

8. Proposed Course: The contractor will develop early identification criteria through utilization of standardized psychosocial tests and interviews. The program will be evaluated to determine the reliability and validity of the criteria and effectiveness of the intervention method.

9. Progress: Recruitment and selection of staff.

10. Significance for Cancer Control Program: Demonstrate benefits of comprehensive rehabilitation program.

National Cancer Plan Objective: C6 Approach: C6.1

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $212,122

CONTRACT SUMMARY

1. Title: Demonstration of Benefits of Early Identification of Psychosocial Problems and Early Intervention Toward the Rehabilitation of Cancer Patients

2. Principal Investigator: Dr. Theodore L. Phillips
Cancer Research Institute
San Francisco, California 94143

3. Performing Organization: University of California
San Francisco

4. Contract Number: 55190

5. Starting Date: 4/1/75 6. Expiration Date: 3/31/78

7. Objective: To develop a program to demonstrate the benefits of early identification of psychosocial problems and early intervention toward rehabilitation of cancer patients.

8. Proposed Course: The contractor will develop early identification criteria through utilization of standardized psychosocial tests and interviews. The program will be evaluated to determine the reliability and validity of the criteria and effectiveness of the intervention method.

9. Progress: Recruitment and selection of staff.

10. Significance for Cancer Control Program: Demonstrate benefits of comprehensive rehabilitation program.

National Cancer Plan Objective: C6 Approach: C6.1

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $227,343

CONTRACT SUMMARY

1. Title: Demonstration of Benefits of Early Identification of Psychosocial Problems and Early Intervention Toward Rehabilitation of Cancer Patients

2. Principal Investigator: Dr. John J. Dawson
151 East Bannock Street
Boise, Idaho 83702

3. Performing Organization: Mountain States Tumor Institute

4. Contract Number: 55189

5. Starting Date: 2/3/75 6. Expiration Date: 2/2/78

7. Objective: To develop a program to demonstrate the benefits of early identification of psychosocial problems and early intervention toward rehabilitation of cancer patients.

8. Proposed Course: The contractor will develop early identification criteria through utilization of standardized psychosocial tests and interviews. The program will be evaluated to determine the reliability and validity of the criteria and effectiveness of the intervention method.

9. Progress: Recruitment and selection of staff. Coordination of program designed.

10. Significance for Cancer Control Program: Demonstrate benefits of comprehensive rehabilitation program.

National Cancer Plan Objective: C6 Approach: C6.1

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $123,681

CONTRACT SUMMARY

1. Title: Demonstration of Benefits of Early Identification of Psychosocial Problems and Early Intervention Toward Rehabilitation of Cancer Patients

2. Principal Investigator: Dr. Leonard Diller
55 First Avenue
New York, New York

3. Performing Organization: New York University Medical Center

4. Contract Number: 55188

5. Starting Date: 3/24/75 6. Expiration Date: 3/23/78

7. Objective: To develop a program to demonstrate the benefits of early identification of psychosocial problems and early intervention toward rehabilitation of cancer patients.

8. Proposed Course: The contractor will develop early identification criteria through utilization of standardized psychosocial tests and interviews. The program will be evaluated to determine the reliability and validity of the criteria and effectiveness of the intervention method.

9. Progress: Recruitment and selection of staff; staff orientation completed; protocols for Study I developed.

10. Significance for Cancer Control Program: Demonstrate benefits of comprehensive rehabilitation program.

National Cancer Plan Objective: C6 Approach: C6.1

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $195,958

CONTRACT SUMMARY

1. Title: Demonstration of Benefits of Early Identification of Psychosocial Problems and Early Intervention Toward Rehabilitation of Cancer Patients

2. Principal Investigator: Dr. Marcia Abramson
   Iowa City, Iowa 52242

3. Performing Organization: University of Iowa

4. Contract Number: 55061

5. Starting Date: 3/1/75 6. Expiration Date: 2/28/76

7. Objective: To develop a program to demonstrate the benefits of early identification of psychosocial problems and early intervention toward rehabilitation of cancer patients.

8. Proposed Course: The contractor will develop early identification criteria through utilization of standardized psychosocial tests and interviews. The program will be evaluated to determine the reliability and validity of the criteria and effectiveness of the intervention method.

9. Progress: Recruitment and selection of staff. Orientated health care teams to the project. Project coordination designed.

10. Significance for Cancer Control Program: Demonstrate benefits of comprehensive rehabilitation program.

    National Cancer Plan Objective: C6 Approach: C6.1

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $182,821

CONTRACT SUMMARY

1. Title: Evaluation of the Effectiveness of Cancer Rehabilitation Systems Leading to the Improvement of Educational Requirements

2. Principal Investigator: Dr. Allen Pinkus
P. O. Box 158
Valencia, Pennsylvania 16059

3. Performing Organization: Applied Science Associates

4. Contract Number: 45136

5. Starting Date: 6/17/74 6. Expiration Date: 10/2/75

7. Objective: To develop a program for the development and implementation of methodology for identifying, selecting, and evaluation of comparable cancer rehabilitation systems, so that new demonstratable conceptualization of rehabilitation for oncology patients may be defined, and a new understanding of the procedure and roles of personnel involved in the rehabilitation of cancer patients; and development of new educational requirements which will improve the effectiveness of cancer patient rehabilitation.

8. Proposed Course: The contractor will develop a model program for rehabilitation of cancer patients based on data received from four systems of continuing care and from expertise of consultants.

9. Progress: Hospital data has been obtained and work on analysis has begun.

10. Significance for Cancer Control Program: To plan model rehabilitation program and identify its educational requirements.

National Cancer Plan Objective: C8 Approach: C8.1

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $246,274

CONTRACT SUMMARY

1. Title: Evaluation of the Effectiveness of Cancer Rehabilitation Systems Leading to the Improvement of Educational Requirements

2. Principal Investigator: Dr. Carmella Gonnella
Office of the Treasurer
Atlanta, Georgia 30322

3. Performing Organization: Emory University

4. Contract Number: 45134

5. Starting Date: 6/25/74 6. Expiration Date: 6/24/77

7. Objective: To develop a program for the development and implementation of methodology for identifying, selecting, and evaluation of comparable cancer rehabilitation systems, so that new demonstratable conceptualization of rehabilitation for oncology patients may be defined, and a new understanding of the procedure and roles of personnel involved in the rehabilitation of cancer patients; and development of new educational requirements which will improve the effectiveness of cancer patient rehabilitation.

8. Proposed Course: The contractor will develop a model program for rehabilitation of cancer patients based on data received from four systems of continuing care and from expertise of consultants.

9. Progress: Accomplishments in staffing and contract with participating hospitals. Data collection planned. Methods of analysis reviewed.

10. Significance for Cancer Control Program: To evaluate rehabilitative methods in multiple settings.

National Cancer Plan Objective: C8 Approach: C8.1

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $288,798

CONTRACT SUMMARY

1. Title: Modification of Employer's Attitude Toward the Employment of Work-Able Cancer Patients

2. Principal Investigator: Lawrence Smith
P. O. Box 866
Columbia, Maryland 21044

3. Performing Organization: Westinghouse Electric

4. Contract Number: 55094

5. Starting Date: 11/11/74 6. Expiration Date: 11/10/77

7. Objective: Develop and demonstrate positive program to modify employer attitudes in an effort to improve the employment and/or reemployment of cancer patients. This will be accomplished by: 1) developing a methodology to identify significant employer attitudes, 2) developing action programs to modify negative attitudes and alter employer behavior, and 3) following employer within appropriate time intervals.

8. Proposed Course: The contractor will undertake this project from an investigative empirical point of view. Information will be accumulated on attitudes of employment of work-able patients from special attitude, management and behavior change skills.

9. Progress: Activities directed toward solution of management target areas. Phase I completed.

10. Significance for Cancer Control Program: Promote positive attitudes toward rehabilitation and employment of cancer patients.

National Cancer Plan Objective: C8 Approach: C8.1

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $133,027

CONTRACT SUMMARY

1. Title: Modification of Employer's Attitude Toward the Employment of Work-Able Cancer Patients

2. Principal Investigator: Dr. Thurlow Wilson
300 North Washington Street
Alexandria, Virginia 22314

3. Performing Organization: Human Resources Research Organization

4. Contract Number: 55089

5. Starting Date: 12/31/74 6. Expiration Date: 9/30/77

7. Objective: Develop and demonstrate positive program to modify employer attitudes in an effort to improve the employment and/or reemployment of cancer patients. This will be accomplished by: 1) developing a methodology to identify significant employer attitudes, 2) developing action programs to modify negative attitudes and alter employer behavior, and 3) following employer within appropriate time intervals.

8. Proposed Course: The contractor will undertake this project from an investigative empirical point of view. Information will be accumulated on attitudes of employment of work-able patients from special attitude, management and behavior change skills.

9. Progress: Activities directed toward solution of management target areas. Phase I completed.

10. Significance for Cancer Control Program: Promote positive attitudes toward rehabilitation and employment of cancer patients.

National Cancer Plan Objective: C8 Approach: C8.1

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $168,923

CONTRACT SUMMARY

1. Title: Modification of Employer's Attitude Toward the Employment of Work-Able Cancer Patients

2. Principal Investigator: Dr. Sheldon Steinberg
5520 Wisconsin Avenue
Washington, D. C. 20014

3. Performing Organization: University Research Corporation

4. Contract Number: 55087

5. Starting Date: 12/31/74 6. Expiration Date: 6/30/77

7. Objective: Develop and demonstrate positive programs to modify employer attitudes in an effort to improve the employment and/or reemployment of cancer patients. This will be accomplished by: 1) developing a methodology to identify significant employer attitudes, 2) developing action programs to modify negative attitudes and alter employer behavior, and 3) following employer within appropriate time intervals.

8. Proposed Course: The contractor will undertake this project from an investigative empirical point of view. Information will be accumulated to attitudes of employment of work-able patients from special attitude, management and behavior change skills.

9. Progress: Activities directed toward solution of management target areas. Phase I completed.

10. Significance for Cancer Control Program: Promote positive attitudes toward rehabilitation and employment of cancer patients.

National Cancer Plan Objective: C8 Approach: C8.1

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $272,946

CONTRACT SUMMARY

1. Title Modification of Employer's Attitude Toward the Employment Work-Able Cancer Patients

2. Principal Investigator: Dr. Martin Bloom
962 Wayne Avenue
Silver Spring, Maryland 20910

3. Performing Organization: Applied Management Sciences, Inc.

4. Contract Number: 55069

5. Starting Date: 4/10/75 6. Expiration Date: 4/9/78

7. Objective: Develop and demonstrate positive programs to modify employer attitudes in an effort to improve the employment and/or reemployment of cancer patients. This will be accomplished by: 1) developing a methodology to identify significant employer attitudes, 2) developing action programs to modify negative attitudes and alter employer behavior, and 3) following employer within appropriate time intervals.

8. Proposed Course: The contractor will undertake this project from an investigative empirical point of view. Information will be accumulated on attitudes of employment of work-able patients from special attitude, management and behavior change skills.

9. Progress: Activities directed toward solution of management target areas. Phase I completed.

10. Significance for Cancer Control Program: Promote positive attitudes toward rehabilitation and employment of cancer patients.

National Cancer Plan Objective: C8 Approach: C8.1

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $129,007

CONTRACT SUMMARY

1. Title: Modification of Employer's Attitude Toward Employment of Work-Able Cancer Patients

2. Principal Investigator: Dr. Melvin H. Rudov
   3301 New Mexico Avenue, N. W.
   Washington, D. C. 20016

3. Performing Organization: American Institute of Research

4. Contract Number: 55070

5. Starting Date: 1/8/75 6. Expiration Date: 1/7/78

7. Objective: Develop and demonstrate positive programs to modify employer attitudes in an effort to improve the employment and/or reemployment of cancer patients. This will be accomplished by: 1) developing a methodology to identify significant employer attitudes, 2) developing action programs to modify negative attitudes and alter employer behavior, and 3) following employer within appropriate time intervals.

8. Proposed Course: The contractor will undertake this project from an investigative empirical point of view. Information will be accumulated on attitudes of employment of work-able patients from special attitude, management and behavior change skills.

9. Progress: Activities directed toward solution of management target areas.

10. Significance for Cancer Control Program: Promote positive attitudes toward rehabilitation and employment of cancer patients.

    National Cancer Plan Objective: C8 Approach: C8.1

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $149,027

CONTRACT SUMMARY

1. Title: Demonstration of Cancer Rehabilitation Facilities and/or Departments

2. Principal Investigator: Dr. Phala A. Helm
5323 Harry Hines Boulevard
Dallas, Texas 75235

3. Performing Organization: University of Texas Health Science Center

4. Contract Number: 45133

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/77

7. Objective: Develop model patient rehabilitation service system providing medical, psychological and social support covering entire course of a patient's illness. Implement educational and instructional programs for each discipline and include staff of affiliated organizations in educational programs.

8. Proposed Course: The contractor will establish a coordinated educational and rehabilitation service program, whose integral aspect involves a multidisciplinary approach, for cancer patients and families from diagnosis through follow-up.

9. Progress: Contractor is presently involved in Phase II - Education and Promotion and Phase III - Implementation.

10. Significance for Cancer Control Program: To demonstrate comprehensive rehabilitative program at major medical setting.

National Cancer Plan Objective: C6 Approaches: C6.1, C6.2, C6.3

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $133,309

CONTRACT SUMMARY

1. Title: Demonstration of Cancer Rehabilitation Facilities and/or Departments

2. Principal Investigator: Dr. Guy F. Robbins
444 East 68th Street
New York, New York 10021

3. Performing Organization: Memorial Hospital for Cancer and Allied Diseases

4. Contract Number: 55223

5. Starting Date: 12/1/73 6. Expiration Date: 3/5/76

7. Objective: Develop model patient rehabilitation service system providing medical, psychological and social support covering entire course of patient's illness. Implement educational and instructional programs for each discipline and include staff of affiliated organizations in educational programs.

8. Proposed Course: The contractor will establish a coordinated educational and rehabilitation service program, whose integral aspect involves a multidisciplinary team approach, for cancer patients and their families from diagnosis through follow-up.

9. Progress: Total implementation of operational procedures, production of important manuals and preparation of pilot audiovisual presentations related to rehabilitation training.

10. Significance for Cancer Control Program: To demonstrate comprehensive rehabilitative programs at a major medical setting.

National Cancer Plan Objective: C6 Approaches: C6.1, C6.2, C6.3

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $452,222

CONTRACT SUMMARY

1. Title: Demonstration of Cancer Rehabilitation Facilities and/or Departments

2. Principal Investigator: Dr. Justus Lehmann
1959 N.E. Pacific Avenue
Seattle, Washington 98105

3. Performing Organization: University of Washington

4. Contract Number: 45039

5. Starting Date: 4/1/74 6. Expiration Date: 3/31/77

7. Objective: Develop model patient rehabilitation service system providing medical, psychological and social support covering entire course of patient's illness. Implement educational and instructional programs for each discipline and include staff of affiliated organizations in educational programs.

8. Proposed Course: The contractor will establish a coordinated educational and rehabilitation service program, whose integral aspect involves a multidisciplinary team approach, for cancer patients and their families from diagnosis through follow-up.

9. Progress: Basis for evaluation and implementation of a model rehabilitation service referral delivery system to cancer patients has been established. Screening protocol established.

10. Significance for Cancer Control Program: To demonstrate comprehensive rehabilitative program in a major medical setting.

National Cancer Plan Objective: C6 Approaches: C6.1, C6.2, C6.3

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $244,634

CONTRACT SUMMARY

1. Title: Demonstration of Cancer Rehabilitation Facilities and/or Departments

2. Principal Investigator: John C. Ivins
200 First Street, S. W.
Rochester, Minnesota 55901

3. Performing Organization: Mayo Foundation

4. Contract Number: 45120

5. Starting Date: 6/1/74 6. Expiration Date: 5/31/77

7. Objective: Develop model patient rehabilitation service system providing medical, psychological and social support covering entire course of patient's illness. Implement educational and instructional programs for each discipline and include staff of affiliated organizations in educational programs.

8. Proposed Course: The contractor will establish a coordinated educational and rehabilitation service program, whose integral aspect involves a multidisciplinary approach, for cancer patients and their families from diagnosis through follow-up.

9. Progress: Accomplishments in staff development and materials development (i.e., brochures, audiovisuals) and extramural programming.

10. Significance for Cancer Control Program: To demonstrate a comprehensive rehabilitative program at major medical settings.

National Cancer Plan Objective: C6 Approaches: C6.1, C6.2, C6.3

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $207,368

CONTRACT SUMMARY

1. Title: Demonstration of Cancer Rehabilitation Facilities and/or Departments

2. Principal Investigator: Dr. A. I. Sutnick
   7701 Burholme Avenue
   Philadelphia, Pennsylvania 19111

3. Performing Organization: Fox Chase Comprehensive Cancer Center
   Institute for Cancer Research

4. Contract Number: 45126

5. Starting Date: 6/15/74 6. Expiration Date: 6/14/77

7. Objective: Develop model patient rehabilitation service systems providing medical, psychological and social support covering entire course of patient's illness. Implement educational and instructional programs for each discipline and include staff of affiliated organizations in educational programs.

8. Proposed Course: The contractor will establish a coordinated educational and rehabilitation service program, whose integral aspect involves a multidisciplinary approach, for cancer patients and their families from diagnosis through follow-up.

9. Progress: Accomplishments in program and staff developments. Development of educational materials and coordination of extramural programs.

10. Significance for Cancer Control Program: Demonstrate comprehensive rehabilitative program at major medical settings.

    National Cancer Plan Objective: C6 Approaches: C6.1, C6.2, C6.3

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $477,617

CONTRACT SUMMARY

1. Title: Demonstration of Cancer Rehabilitation Facilities and/or Departments

2. Principal Investigator: Dr. Ben V. Branscomb
University Station
Birmingham, Alabama 35294

3. Performing Organization: University of Alabama

4. Contract Number: 35032

5. Starting Date: 6/29/73 6. Expiration Date: 6/29/75

7. Objective: Develop model patient rehabilitation service system providing medical, psychological and social support covering entire course of patient's illness. Implement educational and instructional programs for each discipline and include staff of affiliated organizations in educational programs.

8. Proposed Course: The contractor will establish a coordinated educational and rehabilitation service program, whose integral aspect involves a multidisciplinary team approach, for cancer patients and their families from diagnosis through follow-up.

9. Progress: Model service system is well established with a trained and stable group of personnel.

10. Significance for Cancer Control Program: To demonstrate a comprehensive rehabilitative program at a major medical setting.

National Cancer Plan Objective: C6 Approaches: C6.1, C6.2, C6.3

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $366,025

CONTRACT SUMMARY

1. Title: Demonstration of a Cancer Rehabilitation Facility and/or Department

2. Principal Investigator: John E. Stanwood, M.D.
2801 North Gantenbein Avenue
Portland, Oregon 97227

3. Performing Organization: Emanuel Hospital

4. Contract Number: 55182

5. Starting Date: 6/30/75 6. Expiration Date: 6/30/76

7. Objective: Develop model patient rehabilitation service system providing medical, psychological and social support covering entire course of patient's illness. Implement educational and instructional programs for each discipline and include staff of affiliated organizations in educational programs.

8. Proposed Course: The contractor will establish a coordinated educational and rehabilitation service program, whose integral aspect involves a multidisciplinary team approach, for cancer patients and their families from diagnosis through follow-up.

9. Progress: Newly awarded contract.

10. Significance for Cancer Control Program: To demonstrate a comprehensive rehabilitative program at a major medical setting.

National Cancer Plan Objective: C6 Approaches: C6.1, C6.2, C6.3

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $301,750

CONTRACT SUMMARY

1. Title: Demonstration of Cancer Rehabilitation Facilities and/or Departments

2. Principal Investigator: C. William Aungst, M.D.
666 Elm Street
Buffalo, New York 14203

3. Performing Organization: Roswell Park Memorial Institute

4. Contract Number: 55299

5. Starting Date: 6/27/75 6. Expiration Date: 6/27/76

7. Objective: Develop model patient rehabilitation service system providing medical, psychological and social support covering entire course of patient's illness. Implement educational and instructional programs for each discipline and include staff of affiliated organizations in educational programs.

8. Proposed Course: The contractor will establish a coordinated educational and rehabilitation service program, whose integral aspect involves a multidisciplinary team approach, for cancer patients and their families from diagnosis through follow-up.

9. Progress: Newly awarded contract.

10. Significance for Cancer Control Program: To demonstrate a comprehensive rehabilitative program at a major medical setting.

National Cancer Plan Objective: C6 Approaches: C6.1, C6.2, C6.3

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $319,405

CONTRACT SUMMARY

1. Title: Demonstration of Cancer Rehabilitation Facilities and/or Departments

2. Principal Investigator: Alicia E. Hastings, M.D.
2400 6th Street, N. W.
Washington, D. C. 20009

3. Performing Organization: Howard University

4. Contract Number 55300

5. Starting Date: 6/30/75 6. Expiration Date: 6/30/76

7. Objective: Develop model patient rehabilitation service system providing medical, psychological and social support covering entire course of patient's illness. Implement educational and instructional programs for each discipline and include staff of affiliated organizations in educational programs.

8. Proposed Course: The contractor will establish a coordinated educational and rehabilitation service program, whose integral aspect involves a multidisciplinary team approach, for cancer patients and their families from diagnosis through follow-up.

9. Progress: Newly awarded contract

10. Significance for Cancer Control Program: To demonstrate a comprehensive rehabilitative program at a major medical setting.

National Cancer Plan Objective: C6 Approaches: C6.1, C6.2, C6.3

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $400,585

CONTRACT SUMMARY

1. Title: Demonstration of Cancer Rehabilitation Facilities and/or Departments

2. Principal Investigator: Anne Pascasio, Ph.D.
3017 Cathedral of Learning
Fifth Avenue
Pittsburgh, Pennsylvania 15260

3. Performing Organization: University of Pittsburgh

4. Contract Number: 55298

5. Starting Date: 6/26/75 6. Expiration Date: 6/26/76

7. Objective: Develop model patient rehabilitation service system providing medical, psychological and social support covering entire course of patient's illness. Implement educational and instructional programs for each discipline and include staff of affiliated organizations in educational programs.

8. Proposed Course: The contractor will establish a coordinated educational and rehabilitation service program, whose integral aspect involves a multidisciplinary team approach, for cancer patients and their families from diagnosis through follow-up.

9. Progress: Newly awarded contract.

10. Significance for Cancer Control Program: To demonstrate a comprehensive rehabilitative program at a major medical setting.

National Cancer Plan Objective: C6 Approaches: C6.1, C6.2, C6.3

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $377,815

CONTRACT SUMMARY

1. Title: Training of Professional Teams in Cancer Rehabilitation

2. Principal Investigator: Dr. George Blumenschein
M. D. Anderson Hospital and Tumor Institute
Houston, Texas 77025

3. Performing Organization: The University of Texas System Cancer Center

4. Contract Number: 45038

5. Starting Date: 10/1/73 6. Expiration Date: 9/30/75

7. Objective: To establish a cancer rehabilitation personnel training program for the training of 10 to 12 professional teams from selected geographically distributed health institutions.

8. Proposed Course: The contractor will develop a model curriculum, short course training and (e.g., films, etc.) will select team instructors, will train teams of professional health personnel from geographically distributed regional health centers or large hospitals and will evaluate the effectiveness of the training course.

9. Progress: Curriculum has been designed. Rehabilitation teams and instructors have been selected. Contractor is now in evaluation stage.

10. Significance for Cancer Control Program: To demonstrate rehabilitative methods at multiple settings.

National Cancer Plan Objective: C6 Approaches: C6.2, C6.3, C6.5

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $48,406

CONTRACT SUMMARY

1. Title: Integrated Cancer Rehabilitation Services

2. Principal Investigator: Dr. Hugh Barber
89th Avenue and Van Wyck Expressway
Jamaica, New York 11418

3. Performing Organization: The Jamaica Hospital

4. Contract Number: 45034

5. Starting Date: 8/30/73 6. Expiration Date: 8/29/76

7. Objective: The contractor shall develop a model patient rehabilitation service system that will provide the medical, psychological and social support required to return the cancer patient to a normal and productive life. The cancer rehabilitation system to be established at a comprehensive medical care center, should cover the entire course of a patient's illness, starting with the diagnosis of cancer and continuing through treatment and all necessary follow-up support after discharge.

8. Proposed Course: The contractor will focus on three major areas of programming: 1) development of a comprehensive integrated system, 2) establishment of a new health professional, 3) evaluation.

9. Progress: Staff recruitment; curricula development; begun patient contact and coordination of services.

10. Significance for Cancer Control Program: To field test rehabilitative methods in multiple settings.

National Cancer Plan Objective: C6 Approaches: C6.1, C6.5

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $193,273

CONTRACT SUMMARY

1. Title: Integrated Cancer Rehabilitation Services

2. Principal Investigator: Dr. C. J. Reilly
   1101 Nott Street
   Schenectady, New York 12308

3. Performing Organization: Ellis Hospital

4. Contract Number: 45119

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/76

7. Objective: The contractor shall develop a model patient rehabilitation service system that will provide the medical, psychological and social support required to return the cancer patient to a normal and productive life. The cancer rehabilitation system to be established at a comprehensive medical care center, should cover the entire course of a patient's illness, starting with diagnosis of cancer and continuing through treatment and all necessary follow-up support after discharge.

8. Proposed Course: The contractor will focus on three major areas of programming: 1) development of a comprehensive integrated system, 2) establishment of a new health professional, 3) evaluation.

9. Progress: Patient referral system designed; coordinators trained and are executing duties of integrating programs; data base system in operation.

10. Significance for Cancer Control Program: To field test rehabilitative methods in multiple settings.

    National Cancer Plan Objective: C6 Approaches: C6.1, C6.5

11. Project Officer: Mr. Burke

12, FY 1975 Funds: $118,526

CONTRACT SUMMARY

1. Title: Integrated Cancer Rehabilitation Services

2. Principal Investigator: Dr. Thomas K. L. Lau
   2230 Liliha Street
   Honolulu, Hawaii 96817

3. Performing Organization: St. Francis Hospital

4. Contract Number: 45118

5. Starting Date: 6/30/74 6. Expiration Date: 6/29/76

7. Objective: Develop model patient rehabilitation service system providing medical, psychological and social support covering entire course of patient's illness. Establish comprehensive integrated approach to needs of cancer patients, their families, and the community. Establish and implement staff training methods and coordinate actions of various departments and disciplines, leading to similar programs in other hospitals. Evaluate the effectiveness of the program.

8. Proposed Course: The contractor will focus on three areas of programming: 1) development of a comprehensive integrated system, 2) establishment of a new health professional, and 3) evaluation.

9. Progress: Referral procedures devised; orientation of staff; roles of team members receiving clarification.

10. Significance for Cancer Control Program: To field test rehabilitative methods in multiple settings.

    National Cancer Plan Objective: C6 Approaches: C6.1, C6.5

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $192,127

CONTRACT SUMMARY

1. Title: Cancer Training Programs for Physical and/or Occupational Therapists

2. Principal Investigator: Marilyn Gossman
University Station
Birmingham, Alabama 35294

3. Performing Organization: University of Alabama

4. Contract Number: 45121

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/76

7. Objective: Development, demonstration and evaluation of basic and/or advanced training curricula for physical/occupational therapists. Provide educational opportunities for students in physical/occupational therapy that will permit them to provide better care of oncology patients.

8. Proposed Course: The contractor will develop a program to increase the awareness and preparation of physical therapy students in the management of the cancer patient through a basic preparatory course with integrated clinical training using training techniques.

9. Progress: Progress has been made in the areas of curriculum design, clinical educational experience, media development and evaluation.

10. Significance for Cancer Control Program: To demonstrate rehabilitative methods in multiple settings.

National Cancer Plan Objective: C6 Approaches: C6.1, C6.2

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $97,855

CONTRACT SUMMARY

1. Title: Cancer Training Programs for Physical and/or Occupational Therapists

2. Principal Investigator: Gary L. Smidt
Iowa City, Iowa 52242

3. Performing Organization: University of Iowa

4. Contract Number: 45125

5. Starting Date: 6/1/74 6. Expiration Date: 5/31/76

7. Objective: Development, demonstration and evaluation of basic and/or advanced training curricula for physical/occupational therapists. Provide educational opportunities for students in physical/occupational therapy that will permit them to provide better care of oncology patients.

8. Proposed Course: The contractor will develop a program to increase the awareness and preparation of physical therapy students in the management of the cancer patient through a basic preparatory course with integrated clinical training using training techniques.

9. Progress: Workshop for continuing education for physical therapists held (Phase III); panel on evaluation met to review the total project evaluation methods and effectiveness.

10. Significance for Cancer Control Program: To demonstrate rehabilitative methods in multiple settings.

National Cancer Plan Objective: C6 Approaches: C6.1, C6.2

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $92,141

CONTRACT SUMMARY

1. Title: Cancer Training Programs for Physical and/or Occupational Therapists

2. Principal Investigator: George R. Blumenschein
6723 Bertner Avenue
Houston, Texas 77025

3. Performing Organization: University of Texas at Houston
M. D. Anderson Hospital and Tumor Institute

4. Contract Number: 45051

5. Starting Date: 5/1/74 6. Expiration Date: 4/30/76

7. Objective: Develop basic and advanced training course for physical/occupational therapists including new or revised curricula for education in special problems of cancer patients. Develop training materials and evaluation procedures and a model training program. Train 200 basic and 200 advanced students in 2-year period. Program is funded for 1 year at present.

8. Proposed Course: The contractor will develop a program to increase the awareness and preparation of physical therapy students in the management of the cancer patient through a basic preparatory course with integrated clinical training using training techniques.

9. Progress: The course has been designed; 15 participants have been trained; and 55 participants have been selected for classes through January. Courses and subsequent classes are scheduled.

10. Significance for Cancer Control Program: To demonstrate rehabilitative methods in multiple settings.

National Cancer Plan Objective: C6 Approaches: C6.1, C6.2

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $167,130

CONTRACT SUMMARY

1. Title: Cancer Training Programs for Physical and/or Occupational Therapists

2. Principal Investigator: Dr. Arthur J. Nelson
310 East 35th Street
New York, New York 10016

3. Performing Organization: New York University

4. Contract Number: 45050

5. Starting Date: 12/3/73 6. Expiration Date: 12/2/75

7. Objective: Development, demonstration and evaluation of basic and/or advanced training curricula for physical/occupational therapists. Provide educational opportunities for students in physical/occupational therapy that will permit them to provide better care for oncology patients.

8. Proposed Course: The contractor will develop a program to increase the awareness and preparation of physical therapy students in the management of the cancer patient through a basic preparatory course with integrated clinical training using training techniques.

9. Progress: The contractor has developed a basic course and has prepared the first group of students according to this plan. Learning resources are to be developed.

10. Significance for Cancer Control Program: To demonstrate rehabilitative methods in multiple settings.

National Cancer Plan Objective: C6 Approaches: C6.1, C6.2

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $90,804

CONTRACT SUMMARY

1. Title: Cancer Training Programs for Physical and/or Occupational Therapists

2. Principal Investigator: Dr. Ruth A. Kalish
1518 Clifton Road
Atlanta, Georgia 30322

3. Performing Organization: Emory University

4. Contract Number: 45045

5. Starting Date: 10/1/73 6. Expiration Date: 9/30/75

7. Objective: Development, demonstration and evaluation of basic and/or advanced training curricula for physical/occupational therapists. Provide educational opportunities for students in physical/occupational therapy that will permit them to provide better care for oncology patients.

8. Proposed Course: The contractor will develop a program to increase the awareness and preparation of physical therapy students in the management of the cancer patient through a basic preparatory course with integrated clinical training using training techniques.

9. Progress: Therapists have been trained and are beginning to enter other rehabilitation programs.

10. Significance for Cancer Control Program: To demonstrate rehabilitative methods in multiple settings.

National Cancer Plan Objective: C6 Approaches: C6.1, C6.2

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $119,996

CONTRACT SUMMARY

1. Title: Cancer Training Programs for Physical and/or Occupational Therapists

2. Principal Investigator: Dr. Barbara E. Kent
   Stanford, California 94305

3. Performing Organization: Stanford University School of Medicine

4. Contract Number: 45044

5. Starting Date: 10/1/73 6. Expiration Date: 9/30/75

7. Objective: Development, demonstration and evaluation of basic and/or advanced training curricula for physical/occupational therapists. Provide educational opportunities for students in physical/occupational therapy that will permit them to provide better care of oncology patients.

8. Proposed Course: The contractor will develop a program to increase the awareness and preparation of physical therapy students in the management of the cancer patient through a basic preparatory course with integrated clinical training using training techniques.

9. Progress: Interview schedules for patients developed; curricula developed; final stages of curricula modification.

10. Significance for Cancer Control Program: To demonstrate rehabilitative methods in multiple settings.

    National Cancer Plan Objective: C6 Approaches: C6.1, C6.2

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $125,811

CONTRACT SUMMARY

1. Title: The Development and Implementation of At-Home Rehabilitation Programs

2. Principal Investigator: Thomas K. L. Lau, M.D.
2230 Liliha Street
Honolulu, Hawaii 96817

3. Performing Organization: St. Francis Hospital

4. Contract Number: 55201

5. Starting Date: 6/28/75 6. Expiration Date: 6/28/76

7. Objective: To design a program with the full spectrum of rehabilitation resources available to the cancer patient on an at-home basis to ensure continued rehabilitation progress and the consolidation of hospital-acquired gains. The tasks to be achieved are: 1) to identify the rehabilitation needs of discharged patients, 2) coordinate at-home rehabilitation teams and community resources, 3) provide for the education of team members, and 4) design a methodology for evaluating the program.

8. Proposed Course: The contractor will develop a home care program using the expertise of a multidisciplinary health team to support the patient and family by providing a planned program for the continued care of the patient at home.

9. Progress: Newly awarded contract.

10. Significance for Cancer Control Program: To demonstrate rehabilitative and continuing care methods and their benefit to cancer patients.

National Cancer Plan Objective: C7 Approaches: C7.1, C7.2, C7.5

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $353,315

GRANT SUMMARY

1. Title: Psychosocial Aspects of Cancer Rehabilitation

2. Principal Investigator: Jerome Vaeth
P. O. Box 7999
San Francisco, California 94120

3. Performing Organization: West Coast Cancer Foundation

4. Grant Number: 17903

5. Starting Date: 7/1/75 6. Expiration Date: 6/30/78

7. Objective: The purpose of this grant is to apply research into some of the psychosocial aspects of cancer rehabilitation in one community in northern California (Chico). The ultimate goal of the research is to apply some of the principles of behavioral science research so as to improve the quality of cancer rehabilitation for patients.

8. Proposed Course: This will be accomplished in three phases or activities: 1) assessment and identification of knowledge, attitudes and behaviors for intervention program, 2) program planning for intervention areas and 3) evaluation of program outcomes and will develop intervention strategies and programs based on behavioral research within local communities and implement these programs on a community basis. The programs will be aimed at changing the behavior of health professionals, volunteer organization members and the general public including cancer patients and their families.

9. Progress: Newly funded grant.

10. Significance for Cancer Control Program: To demonstrate a systematic application of psychosocial principles to the rehabilitation of cancer patients.

National Cancer Plan Objective: C6 Approach: C6.1

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $167,883

GRANT SUMMARY

1. Title: The Psychosocial Rehabilitation of Oncologic Patients

2. Principal Investigator: Raphael Good
School of Medicine
Miami, Florida

3. Performing Organization: University of Miami

4. Grant Number: 1-R18-CA-17869-01

5. Starting Date: 6/1/75 6. Expiration Date: 5/31/78

7. Objective: The objective of this study is to demonstrate the effectiveness of individual and group intervention techniques in improving the level of psychosocial functioning of cancer patients and their families. The study will be divided into three major areas of interest: Study Group I - Gynecologic Oncology; Study Group II - Pediatric Oncology; and Study Group III - General Oncology (patients seen through the Family Medicine Program).

8. Proposed Course: The subjects (patients and/or their families) will be assessed for psychosocial functioning at the outset through the use of standard psychological tests and interview techniques. Levels of intrapsychic, interpersonal, interfamilial, and social functioning will thus be determined. Following initial assessment, appropriate intervention techniques will be instituted to attempt to improve the level of psychosocial functioning of the patient and his family. Appropriate feedback systems and final intra- and inter-Study Group evaluations will be utilized to assess both the ongoing and ultimate impacts of the interventions in improving the psychosocial functioning of the cancer patients and their families.

9. Progress: Newly funded grant.

10. Significance for Cancer Control Program: Educational concepts, models and programs will further the interdisciplinary staff's effectiveness in providing effective patient care.

National Cancer Plan Objective: C6 Approach: C6.1

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $191,819

GRANT SUMMARY

1. Title: Cancer Care and Rehabilitation in a Rural Setting

2. Principal Investigator: Jerome Yates
Burgess Residence, Room 122
Burlington, Vermont 05401

3. Performing Organization: Medical Center Hospital

4. Grant Number: 17868

5. Starting Date: 7/1/75 6. Expiration Date: 6/30/78

7. Objective: A program is proposed which is designed to improve the treatment, rehabilitation and continuing care of patients with cancer. This proposal includes the development of a program of coordinated effort in the areas of social services, occupational therapy, physical therapy, nutritional services, and the services of nurse-practitioners with physician support and guidance from medical oncology, radiation therapy, metabolism, and surgery. These cancer control activities will be initiated in the Medical Center Hospital of Vermont and following their evaluation will be extended to support the rural medical needs in the Vermont region.

8. Proposed Course: This program will study new concepts in the care of cancer patients by the use of a multidisciplinary approach. The quality of survival and the impact of this team approach on the rehabilitation of cancer patients in both urban and rural areas will be examined.

9. Progress: Newly awarded grant.

10. Significance for Cancer Control Program: This program will serve as a demonstration model and can be used by other surrounding community hospitals for the better management of large groups of patients suffering from cancer.

National Cancer Plan Objective: C6 Approaches: C6.2, C6.6

11. Project Officer: Mr. Burke

12. FY 1975 Funds: FY 1976 obligation was fulfilled with FY 1975 funds in the amount of $235,907.

GRANT SUMMARY

1. Title: Exploratory Studies for Rehabilitation of Cancer Patients

2. Principal Investigator: Joseph R. Castro
   P. O. Box 7921
   San Francisco, California 94120

3. Performing Organization: Mt. Zion Hospital and Medical Center

4. Grant Number: 16873

5. Starting Date: 9/1/74 6. Expiration Date: 8/31/76

7. Objective: This planning proposal will develop a three-pronged research, service and educational project directed at the psychosocial rehabilitation of cancer survivors and the improvement of the quality of life for those requiring continuing or terminal care. Further knowledge about the psychosocial course and casualty rate will be generated utilizing age and life stage groupings as well as groupings by disease site and prognosis. In a two-phase retrospective study, the psychosocial adaptation of patients and their families will be examined in preparation for the development of a prospective study.

8. Proposed Course: Using the clinical method which includes semi-structured interviews and selective psychological testing, the degree, nature and extent of psychosocial disability and adaptation will be determined. A network of linked psychological and social services will be developed and their effectiveness assessed.

9. Progress: Exploratory and feasibility phase completed.

10. Significance for Cancer Control Program: Educational concepts, models and programs will further the interdisciplinary staff's effectiveness in providing effective patient care.

    National Cancer Plan Objectives: C6, C7 Approaches: C6.1, C7.2

11. Project Officer: Mr. Burke

12. FY 1975 Funds: $100,192

SUPPORTIVE SERVICES

Controlling cancer is not a responsibility of the medical profession alone. It requires the involvement of a variety of specialties which can help ensure that what research has discovered is applied to the broadest possible segment of society.

The Supportive Services activity assists the Intervention and Community Activities programs by providing those services which are common to both and, beyond that, which complement their efforts by supporting the transition between research and field tests and demonstrations of the Division and its national programs.

The Supportive Services activity is composed of the Planning, Evaluation, Resources, Communications, and Liaison Branches. Each has a distinct responsibility not only for its own programs, but also to make certain their activities extend the reach and effectiveness of intervention activities.

Since the creation of Supportive Services in mid FY 1975, the primary effort has been to develop comprehensive plans for providing the widest possible range of services. While this planning process was underway, the separate Branches continued to implement projects which, in the aggregate, have long-range implications for Intervention and Community Activities programs. For example, the Resources Branch sponsored the first conference ever held on the Behavioral Aspects of Cancer Control. The resulting inquiry will support Intervention programs by providing a better understanding of the human considerations in cancer control. The Communications Branch has set up Cancer Control Communications Offices in each of the Comprehensive Cancer Centers. These offices will ultimately provide Intervention and Community Activities programs with immediately responsive communication and promotion services on a regional basis.

The continuing concern of Supportive Services is to offer a multidimensional approach to the application of cancer knowledge which can enlarge the impact of the Intervention programs far beyond the limits of a particular contract or grant.

EVALUATION BRANCH

The Evaluation Branch seeks to provide the accurate and timely data collection and evaluation necessary in measuring the impact of the Division's programs on reducing the incidence, morbidity and mortality from cancer.

THREE PRIMARY APPROACHES

During FY 1975, the Evaluation Branch provided the Intervention activity with consultative services based on three primary approaches to meeting the near-term needs of the Division.

First, much evaluation focused on the effect Intervention programs had on reducing the severity of cancer by earlier detection, especially through the introduction of new detection techniques. One such evaluation determined that 40 percent of breast cancers detected on screening was found only by mammography.

Secondly, on the assumption that the maximum impact of any Intervention program is possible only if all program components are functioning correctly, the Branch engages in process evaluation. Each component of an Intervention program is closely examined for efficiency and its effect on all other aspects of the program.

Lastly, the Branch has attempted to build into each Intervention project a self-evaluation capability which will continue to provide necessary data once Federal funding of the project has ended.

SPECIFIC ACTIVITIES

Specific activities in support of the Intervention activity during Fy 1975 have included development of a unit-screening report for each women examined in the State Screening Program for Carcinoma of the Cervix. Analysis of the reports during FY 1976 will reveal whether the program is reaching those women at greater risk of cervical cancer.

Common data collection forms were designed for the Head and Neck Cancer Management Demonstration Network. This evaluation will detail how effective an interdisciplinary approach has been in the early detection, diagnosis and treatment of head and neck cancer.

The Branch assisted in developing evaluation plans for the asbestos and vinyl chloride projects, the Division's major FY 1975 effort to monitor the effects of carcinogenic environments on industrial workers. The Evaluation Branch also assisted the Rehabilitation Branch in designing a survey to discover attitudes and practices of employers in hiring or reinstating work-able cancer patients.

During Fy 1975, the Branch issued several Requests for Proposals (RFP) for the accumulation of baseline data on cost of cancer care, evaluation of cervical screening programs, patient attitudes and knowledge about cancer control and personnel required for cancer control. Final disposition of these RFPs will occur in early FY 1976, with the latter two studies being transferred to the Resources Branch for implementation and monitoring.

GRANTS AND CONTRACTS

No contracts were awarded by the Branch.

One grant has been assigned to the Evaluation Branch, 1-R18-CA-17807, Screening and Cervical Cancer — A Mathematical Model. The Principal Investigator is Arthur Albert, Ph.D.

This grant is for 1) the development of mathematical models designed to quantify certain aspects of the impact that screening programs and other factors may have on the mortality due to invasive cervical cancer; and 2) the application of the models so developed to existing sets of relevant data.

Specifically, the proposed models would be structured in such a way as to allow the investigation of the relationships between the yearly incidences of *in situ* and invasive cervical cancer, mortality from cervical cancer, yearly at-risk population sizes and screening rates; estimation of the incidence of "spontaneously occurring" invasive cervical cancer; estimation of the false negative error rates in Pap screening programs; and estimation of the perhaps changing (time-dependent) latent incidence of *in situ* cervical cancer. The accuracy of these models will be tested and the models appropriately extended (to include, e.g., additional disease states, a competing risk structure, a time-(age) dependent transition rate from the *in situ* stage to the invasive state, etc.) should goodness-of-fit tests indicate the need for such modifications. These goodness-of-fit tests will involve data from the British Columbia Study, the Olmstead County, Minnesota Study, the Aberdeen Study and, hopefully, other sources who have collected cervical cancer screening data. The final form of these models, in conjunction with these data, will provide information on a number of issues connected with the epidemiological characteristics of cervical cancer which are currently being debated in the literature and, in particular, might be useful in guaging the cost-effectiveness of cervical cancer screening programs vis-a-vis mortality from cervical cancer.

Fiscal information:

Project Year	Direct Costs
01	$ 30,245
02	$ 31,550
03	$ 33,000

RESOURCES BRANCH

The purpose of the Resources Branch is to identify and develop the materials, manpower, techniques and facilities needed to provide the nation with the latest cancer control knowledge.

During FY 1975, a four-fold set of operational objectives pertaining to cancer control has evolved out of the Branch's activities:

1) To support the development of education/training programs and educational materials for health professionals in cancer control

2) To sponsor projects dealing with public education and health behavior in cancer control

3) To study the behavioral aspects of the cancer control problem

4) To provide a focus for certain resource support for other DCCR activities.

In each of the above areas, the Branch has been active in the following way:

For Health Professionals:

A contract was awarded to review cancer education in medical and dental schools.

A project to develop curricular guidelines for schools of dentistry has been initiated and a similar one for schools of social work has been planned.

Efforts were completed to produce catalogues of educational materials available for cytotechnologists and nurses. A manual of cytotechnology originally published in 1962 was also updated.

Under review is a toll-free telephone service which offers recent diagnostic and therapeutic information of professionals in 17 states.

For the Public:

A number of programs dealing with public education on cancer were reviewed and evaluated around the country to enable other organizations to benefit from successful informational and motivational campaigns.

One such program, for which the Branch has responsibility, is a toll-free telephone information system which enables the public to call in and request to hear tapes on selected cancer-related subjects.

Projects have been initiated to develop more effective ways to communicate cancer information to minority groups — specifically, Blacks, American Indians, and Spanish-speaking Americans. The Branch sponsored a multidisciplinary conference on health-related behavior and cancer control.

CONSULTING SERVICES

The Branch has become very active in providing support services to other components of the Division by filling gaps in their available manpower or expertise. The Branch's consulting services are now being utilized by the Office of Community Activities and the branches of the Office for Intervention Programs in helping to develop effective methods of monitoring ongoing projects.

INTERAGENCY WORK

In addition to serving/coordinating with other Branches, the Branch has been designated to work with three extra-divisional groups; these are the Cost Reimbursement Subcommittee of the Cancer Control and Rehabilitation Advisory Committee, the interagency group identified by the Labor-HEW-Subcommittee of the Senate Appropriations Committee to assist the Medical Services Administration in managing the Rural Health Research and Demonstration Projects, the informal interagency group studying the cost-benefit of preventive health education and the inter-NIH-group seeking to synthesize the Federal effort in continuing medical education.

BEHAVIORAL STUDIES AND ACTIVITIES

A conference entitled "Cancer Control and the Behavioral Sciences," was held in San Antonio, Texas. The purpose of this conference was threefold: a) to determine the state-of-the-art of behavioral principles as they relate to chronic disease and cancer in particular; b) to strengthen interests among behaviorists to applying their knowledge and skills to cancer patients and the general public at risk to cancer; c) to provide DCCR with the necessary information in order to program specific programs under the mandate of the DCCR mission vis-a-vis the behavioral aspects of cancer.

Four consulting service projects on the "Psychological Aspects of Breast Cancer" have been funded. The goal of this procurement is to improve the psychological well-being of breast cancer patients and their families and to enhance their readaptation to a "normal" and satisfactory way of life.

CONTRACT SUMMARY

1. Title: Education for Cancer Control

2. Principal Investigator: Not yet determined

3. Performing Organization: Not yet determined

4. Contract Number:

5. Starting Date: Anticipated in early FY 1976 6. Expiration Date:

7. Objective: To develop suitable modes, settings and personnel qualifications needed to assist in the education of health professionals and others who are most specifically concerned with conducting, administering, and participating to a major degree in cancer control activities.

8. Proposed Course: Develop objectives of proposed programs, determine the numbers of trainees needed, design model curricula, determine optimal length of training, and develop evaluation criteria.

9. Progress: Request for Proposal was developed, bids received and the review process nearly completed in FY 1975.

10. Significance for Cancer Control Program: The implementation of future programs in cancer control is dependent on the existence of an adequate pool of properly trained personnel. This procurement will identify the skills needed for future programs and will design educational programs for their production and entrance into the health maintenance community.

National Cancer Plan Objectives:	C3	Approaches:	C3.5
	C5		C5.5
	C7		C7.5

11. Project Officer: Dr. Recer

12. FY 1975 Funds: None; the Request for Proposal was composed and advertised and the review process was completed in FY 1975. An award is anticipated in early FY 1976.

CONTRACT SUMMARY

1. Title: Review and Evaluation Methods of Public Education in Cancer

2. Principal Investigator: Dr. Paisley
   Stanford University
   Stanford, California 94305

3. Performing Organization: Institute for Communications Research
   Stanford University
   Stanford, California 94305

4. Contract Number: NO1-CN-45041

5. Starting Date: 10/24/73 6. Expiration Date: 5/1/75

7. Objective: The purpose of this contract is to identify cancer public information and education programs which have achieved their objectives with reasonable expenditures, and to analyze the results in terms of methodology.

8. Proposed Course: Contractor has visited various sites where public education is taking place. Has interviewed considerable numbers of personnel and has evaluated the programs which are in existence.

9. Progress: Computer print-out on which the final report will be based has been received.

10. Significance for Cancer Control Program: To identify and evaluate preventive education techniques in multiple sites.

    National Cancer Plan Objective: C6 Approach: C6.6

11. Project Officer: Dr. Recer

12. FY 1975 Funds: $7,465

CONTRACT SUMMARY

1. Title: Psychological Aspects of Breast Cancer

2. Principal Investigators: C. Gates, M.D., J. Holland, M.D., S. Fotopolus, Ph.D., J. Bloom, Ph.D., and P. Insel, Ph.D., A. Enelow, M.D., and L. Reeder, Ph.D.

3. Performing Organizations: Peter Bent Brigham Hospital
Montefiore Hospital
Midwest Research Institute
Stanford Research Institute
West Coast Cancer Foundation

4. Contract Numbers: NO1-CN-55311, 55214, 55312, 55313, and 55314

5. Starting Date: 6/1/75 6. Expiration Date:

7. Objective: To identify the most significant psychological aspects of breast cancer which affect the life of the patient and her family. Also, to implement a demonstration program wherein these significant psychological factors can be addressed across all aspects of cancer management in order to provide the most comprehensive kind of cancer control.

8. Proposed Course: Each contractor is first scheduled to perform a literature research of all published materials relevant to the psychological aspects of breast cancer. This will be followed by workshops wherein this information is evaluated for inclusion first in a pre-text of the intervention protocols developed at the workshops and later in full implementation of intervention protocols.

9. Progress: Due to the recent negotiation of these contracts significant progress has not been made to date.

10. Significance for Cancer Control Program: Due to the large number of breast cancers being diagnosed and treated in this country there is a demand and need for attention to be given to the psychological impact of this disease on the patient and her family from the time of diagnosis through all phases, rehabilitation, continuing care, and if applicable, even death.

Appropriate execution of this procurement will fulfill the mandate given by Congress to the National Cancer Institute and the Division of Cancer Controll and Rehabilitation to reduce cancer morbidity and even perhaps in the case of this procurement, mortality in the United States.

National Cancer Plan Objectives:	C3	Approaches:	C3.1, C3.2
	C5		C5.1, C5.2
	C6		C6.1

11. Project Officer: Dr. Cullen

12. FY 1975 Funds: $630,384

CONTRACT SUMMARY

1. Title: Updating "A Manual of Cytotechnology"

2. Principal Investigator: Dallas Johnson

3. Performing Organization: National Committee for Careers in the Medical Lab.
9650 Rockville Pike
Bethesda, Maryland 20014

4. Contract Number: NO1-CN-45043

5. Starting Date: 10/5/73 6. Expiration Date: 3/1/75

7. Objective: The Committee on Careers in Medical Technology produced in 1962 an introductory text to serve in programs of basic education in Cytotechnology. It is this basic text, "A Manual of Cytotechnology" which will undergo a complete revision under this contract.

8. Proposed Course: Collect all relevant, recent material, arrange in a precise and logical fashion, with preceding out-of-date material, discarding that which is no longer relevant to the field.

9. Progress: The manual has been edited and is now in the printing process.

10. Significance for Cancer Control Program: This manual was sorely out of date and in need of better illustrations and current methodology. Funds for its updating were non-existent outside of the public domain. More current knowledge of cell identification will greatly enhance the cytotechnologist's ability to assist in the early detection process.

National Cancer Plan Objective: C2 Approach: C2.2

11. Project Officer: Dr. Recer

12. FY 1975 Funds: None

CONTRACT SUMMARY

1. Title: Survey of Cancer Control Law

2. Principal Investigator: Geraldine G. Stroud

3. Performing Organization: Aspen Systems Corporation

4. Contract Number: NO1-CN-45117

5. Starting Date: 1/1/74

6. Expiration Date: Anticipate periodic updating

7. Objective: To collect, review, catalog, and analyze present legislation (Federal, all states, and 10 selected local jurisdictions) pertaining to cancer control activities in the areas of cause, prevention, detection, treatment, rehabilitation and education and training and to prepare for a continuing survey of legislation newly enacted or proposed and significant actions based on legislation.

8. Proposed Course: Collect data regarding laws affecting cancer control in specified areas, and analyze with the end product being model legislation for cancer control at Federal and state levels.

9. Progress: The initial contract is completed; DCCR intends to update and perhaps reformat each year beginning in FY 1976.

10. Significance for Cancer Control Program: This contract will meet the needs of the Cancer Control Program for a comprehensive review of the laws of the states which affect cancer control; an identification of Federal authority to conduct cancer control activities in the areas specified; data for an analysis of diversity of law among Federal and state agencies to conduct cancer control activities; and data for the eventual drafting of "model" legislation covering the field of cancer control at the Federal and state levels. In order for the Cancer Control Program to obtain its intended overall objectives, which is to develop and implement a coordinated national effort to reduce cancer incidence, morbidity and mortality in the United States, all of these legal criteria must be met. The most efficient way of accomplishing this task is by this procurement.

National Cancer Plan Objectives:		Approaches:
	C1	C1.6
	C2	C2.6
	C3	C3.6
	C5	C5.6
	C6	C6.6

11. Project Officer: Dr. Woolridge/Dr. Recer

12. FY 1975 Funds: None; FY 1975 activity primarily involved planning for reformating and updating the studies.

CONTRACT SUMMARY

1. Title: Identification of Educational Material Resources for Cancer Control

2. Principal Investigator: Georgette Semick

3. Performing Organization: Koba Associates
1133 15th Street, N. W.
Washington, D. C. 20005

4. Contract Number: NO1-CN-45116

5. Starting Date: 5/15/74 6. Expiration Date: 5/1/75

7. Objective: To prepare catalog listings of written and audiovisual educational materials in the field of cancer for nurses and cytotechnologists.

8. Proposed Course: Check every available source for citations of educational materials in cancer for nurses and cytotechnologists. Evaluate the utility of each and, if useable, list it in a useable format.

9. Progress: Catalogs have been published and are in the process of being distributed by mail to various educational institutions and medical libraries.

10. Significance for Cancer Control Program: In order to perfect the detection process and hopefully to create earlier accurate detection, cytotechnologists must be increasingly better educated. For the idiosyncratic care which cancer patients need, nurses need to be trained; in order to be trained, they must know the availability of materials.

National Cancer Plan Objective: C2 Approaches: C2.2, C2.5

11. Project Officer: Dr. Recer

12. FY 1975 Funds: $77,298

CONTRACT SUMMARY

1. Title: History of Cancer Control

2. Principal Investigator: Lester Breslow, M.D., M.P.H.

3. Performing Organization: University of California at Los Angeles
School of Public Health
The Center for Health Sciences
Los Angeles, California 90024

4. Contract Number: NO1-CN-55172

5. Starting Date: 6/30/75 6. Expiration Date: 6/29/77

7. Objective: To determine the extent and limitations of progress in cancer control from 1946-1971; to elucidate the factors that favored or inhibited the application of the available technology; describe and evaluate the successes and failures of various national and state voluntary programs and to suggest directions for future development.

8. Proposed Course: Search and assembly of published and unpublished literature: formatation and storage of data in the computer. Abstraction of information.

9. Progress: The project staff is at work. A final segment of the work plan will be completed by the project staff by end of August 1975.

10. Significance for Cancer Control Program: In order to plan potentially beneficial demonstration programs, the DCCR staff needs to know the efficacy of past efforts in cancer control. Hopefully, this contract will save much money which might otherwise be directed toward redundant programs.

National Cancer Plan Objective: C8 Approach: C8.2

11. Project Officer: Dr. Recer

12. FY 1975 Funds: $273,264

CONTRACT SUMMARY

1. Title: Telephone Cancer Public Information Services

2. Principal Investigator: Dr. Edwin Mirand

3. Performing Organization: New York State Department of Health
   666 Elm Street
   Buffalo, New York 14203

4. Contract Number: NOl-CN-45073

5. Starting Date: 4/1/74 6. Expiration Date: 3/31/76

7. Objective: Expand the can-dial system of cancer information for the public to cover a 24-hour period and extend throughout the weekend. This requires the preparation of additional tapes and purchase of additional equipment. An advisory committee to be appointed to advise and evaluate. A program of liaison and information exchange should be instituted between sponsoring agencies and community groups. Bank of tapes updated and equipment used for replay. Dissemination of information should be expanded. Based on unsolicited proposal.

8. Proposed Course: Expand the hours of operation, enlarge the capability to provide information in the language of the people and perform an extensive evaluation of various means of attracting public attention and of the efficacy of the messages.

9. Progress: The program has been expanded to the hours indicated in the contract and a two-pronged effort of evaluation is in full operation. Periodic and punctual reports have been received.

10. Significance for Cancer Control Program: To evaluate preventive methods, screening and detection techniques in multiple sites.

    National Cancer Plan Objectives: C1 Approaches: C1.1
    C2 C2.1

11. Project Officer: Dr. Recer

12. FY 1975 Funds: $120,187

CONTRACT SUMMARY

1. Title: Curricular Guidelines for Cancer Education in Dental Schools

2. Principal Investigator: Mr. Owen R. Terry, Jr.

3. Performing Organization: American Association of Dental Schools
1625 Massachusetts Avenue, N. W.
Washington, D. C. 20036

4. Contract Number: NO1-CN-45093

5. Starting Date: 6/28/74 6. Expiration Date: 6/27/76

7. Objective: To develop curricular guidelines for dental schools so that there exists an essential core of knowledge concerning head and neck cancer and the biology of cancer. These guidelines shall enable the student to receive adequate training and experience in the diagnosis, prevention and treatment of head and neck cancer.

8. Proposed Course: Convene panels of expert dental educators to develop guidelines both from a management by objective approach and from a learning milestone approach.

9. Progress: Preliminary guidelines have been developed; the committee is meeting regularly, is ahead of schedule and expects to complete the task on schedule.

10. Significance for Cancer Control Program: Although the public is not generally aware of it, 10 percent of cancers are in the head and neck sites. More fully trained dentists will greatly enhance the nation's capability to deal with this significant number of cancers.

National Cancer Plan Objectives: C3 Approaches: C3.5.1
C5 C5.5.1

11. Project Officer: Dr. Recer

12. FY 1975 Funds: $76,164

CONTRACT SUMMARY

1. Title: Review of Cancer Education in Medical and Dental Schools

2. Principal Investigator: Richard F. Banermeir, M.D.

3. Performing Organization: American Association for Cancer Education
65 Bergen Street
Newark, New Jersey 07107

4. Contract Number: NO1-CN-55191

5. Starting Date: 6/13/75 6. Expiration Date: 6/12/77

7. Objective: To document, classify and assess the current status of cancer education in the medical and dental schools in the territorial United States. This information would form the basis for a report which would be made available to each institution and to others interested in cancer education, and would assist DCCR to plan more effective programs for health professionals.

8. Proposed Course: Consult with experts in curriculum design, data collection, and analysis. To consult with organizations such as the American Association of Medical Colleges to explain the project and obtain their advice. Also, develop a plan for the collection of information on cancer education.

9. Progress: This project was awarded late in the year; contractor is now tooling up for the job.

10. Significance for Cancer Control Program: In order to plan future programs in undergraduate, graduate and continuing education, it is necessary to know the current status of cancer education.

National Cancer Plan Objectives: C3 Approaches: C3.5.1
C5 C5.5.1

11. Project Officer: Dr. Recer

12. FY 1975 Funds: $387,152

CONTRACT SUMMARY

1. Title: Education in Cancer Centers

2. Principal Investigator: Dr. John S. Spratt, Jr.

3. Performing Organization: Association of American Cancer Institutes
Cancer Research Center
Columbia, Missouri 65201

4. Contract Number: Task 11 of NCI-OD Contract

5. Starting Date: 4/22/75 6. Expiration Date: 10/21/76

7. Objective: To document, classify, and qualify educational activities and to disseminate and serve as a clearinghouse for this information.

8. Proposed Course: Inventory the present educational activities within the cancer centers and propose new means of utilizing the educational opportunities within the centers.

9. Progress: The task force has held one meeting and has given serious and detailed consideration to the design of the study. Staff at the Cancer Research Center in Columbia, Missouri, is now writing a proposal for the future activities of the group.

10. Significance for Cancer Control Program: A substantial amount of educational activity is performed in cancer centers. Delineating the precise nature and scope of these activities will enable the DCCR staff to avoid duplication in the various other procurements.

National Cancer Plan Objectives:	C2	Approaches:	C2.5
	C3		C3.5
	C5		C5.5
	C6		C6.5

11. Project Officer: Dr. Recer

12. FY 1975 Funds: None directly from DCCR; this project is part of a larger contract being directed in the NCI Office of the Director. Task 11 is one of 12.

CONTRACT SUMMARY

1. Title: Establishing Personnel Requirements in Cancer Control

2. Principal Investigator: Not yet determined

3. Performing Organization: Not yet determined

4. Contract Number: NO1-CN-55192

5. Starting Date: Anticipated early FY 1976

6. Expiration Date: Anticipated late FY 1976

7. Objective: To identify the number and types of personnel needed to carry on a cancer control program during future years.

8. Proposed Course: Identify the categories and estimate the numbers of professional health personnel currently involved in cancer control. Estimate current and 5-year needs of various categories of personnel.

9. Progress: Contract is not yet awarded, award is expected in early FY 1976.

10. Significance for Cancer Control Program: Education and training needs for the future are dependent on a better knowledge of the specific kinds of personnel which are needed for program implementation.

National Cancer Plan Objectives:	C2	Approaches:	C2.5
	C3		C3.5
	C5		C5.5
	C6		C6.5

11. Project Officer: Dr. Recer

12. FY 1975 Funds: None, FY 1976 funds will be used.

CONTRACT SUMMARY

1. Title: Continuing Education in Cancer for Physicians and Dentists

2. Principal Investigator: Not yet determined

3. Performing Organization: Not yet determined

4. Contract Number:

5. Starting Date: Intended for FY 1976 6. Expiration Date:

7. Objective: To develop educational programs for both medical and dental schools to supply the graduates with current information concerning the diagnosis and treatment of cancer. Also, to develop well structured programs for a continuing of education so that each individual health practitioner is able to apply new knowledge in his field.

8. Proposed Course: Analyze current means of continuing education within a selected area, cooperate with other interested entities and plan and implement a model program using both the in-place quality programs and new ones.

9. Progress: The Request for Proposal publication is expected in early FY 1976.

10. Significance for Cancer Control Program: To improve the quality of health care and diminish the morbidity and mortality due to cancer in the United States by making available, improved continuing education of physicians and dentists relative to cancer.

National Cancer Plan Objectives:	C3	Approaches:	C3.2
	C5		C5.2

11. Project Officer: Dr. Recer

12. FY 1975 Funds: None; extensive preparatory work was done during FY 1975, multiple awards are anticipated during FY 1976.

GRANT SUMMARY

1. Title: Suicide and Other Coping Behavior of Cancer Patients

2. Principal Investigators: Avery D. Weisman, M.D., and
J. William Worden, Ph.D.

3. Performing Organization: Massachusetts General Hospital
Boston, Massachusetts 02114

4. Grant Number: 1-R18-CA-14104

5. Starting Date: 9/1/75 6. Expiration Date: 8/31/76

7. Objective: The basic question studied by this research is how cancer patients cope (or fail to cope) with different psychosocial problems at various stages of thier illness. Special assessment methods have been developed to identify coping strategies, types of vulnerability, predominant concerns, and effectiveness of resolution. The principal method used is a semi-structured interview which permits individualized evaluations and appropriate scaling of items for statistical analysis.

8. Proposed Course: At this time the investigators are completing the initial and follow-up interviews on all subjects in the study. They intend to add enough patients so that there will be an equal number (70) of all organ sites. This will be followed by data analysis including factor analysis, canonical correlation and multiple regression. An attempt will also be made to find out why some patients refuse to participate in the study.

9. Progress: In this grant which has already received 3 years of support, the data on approximately 160 cancer patients with newly discovered malignancies and with various organ sites have been investigated. While substantial statistical analysis is still forthcoming, there has been considerable ingenuity in clinical interpretation of the data. Presently, the Principal Investigator is attempting to finalize statistical analysis of the patients thus far accessed into the study.

10. Significance for Cancer Control Programs: Insights gained into the coping mechanisms of cancer patients including suicide could provide inestimable benefit for optimal physical treatment of the patient subsequent to diagnosis of malignancy.

National Cancer Plan Objectives: C5 Approaches: C5.1
C6 C6.1

11. Project Officer: Dr. Cullen

12. FY 1975 Funds: $552,856

GRANT SUMMARY

1. Title: Psychological Adaptations to Childhood Leukemia

2. Principal Investigator: George W. Marten

3. Performing Organization: St. Jude's Hospital
Memphis, Tennessee

4. Grant Number: 1-R18-CA-17881-01

5. Starting Date: 5/1/75 6. Expiration Date: 4/30/78

7. Objective: To attempt, through behavioral tests and ratings, to uncover the psychosocial variables that identify the mother-child units at "high risk" to behavioral problems associated with children with leukemia. They would also attempt to compare the effectiveness of several modalities of interventive counseling aimed at "facilitating the psychological adjustment of these children and their families."

8. Proposed Course: To uncover, using behavioral tests and rating scales, those psychosocial variables that identify the mother-child dyads at "high risk" emotionally. Then to intervene with appropriate counseling procedures, to reverse unsatisfactory adjustments and compare the different modalities of intervention.

9. Progress: No progress reports have been forthcoming due to the recent negotiation of award.

10. Significance for Cancer Control Program: While it is clear that pediatric cancers always have attendant psychosocial variables, both for the child and the family, information relevant to this problem is scant. Identification of those individuals considered to be at high risk for such psychological problems is needed.

If such high risk individuals could be identified and appropriate interventions employed to preclude and/or mitigate the emotion sequelze the intensity of the problem for patient and family should be diminished thereby optimizing the potential for more satisfactory end results.

National Cancer Plan Objective: C6 Approach: C6.1.2

11. Project Officer: Dr. Cullen

12. FY 1975 Funds: $49,798

GRANT SUMMARY

1. Title: Childhood Cancer: Psychosocial Rehabilitation

2. Principal Investigator: Shirley Lansky, M.D.

3. Performing Organization: University of Kansas Medical Center
Kansas City, Kansas

4. Grant Number: 1-R18-CA-17806-01

5. Starting Date: 5/1/75 6. Expiration Date: 4/30/78

7. Objective: To discover the means by which patients and their families cope with the emotional trauma of their illness, to develop a means for preventing or treating the severe emotional complications to determine the cost of such therapy and to determine which member of the health care team is best able to deal with specific problems.

8. Proposed Course: In order to define the specific emotional mechanisms used by children with cancer and their families a series of psychological tests will be administered. The data will be collected and used to develop the means of preventing untoward complications and end results.

9. Progress: No progress reports have been forthcoming due to the recent negotiation of award.

10. Significance for Cancer Control Program: Childhood cancer is a dramatic and emotionally disturbing disease that confronts many families in this country. Attendant with it are emotional trauma, anxieties and fears which often leave the family in a disturbed and vulnerable state. To discover the means by which patients and their families cope with these trauma and more importantly develop a means for preventing and treating the complications therefrom, is of significant interest to the National Cancer Institute. Indeed, in the interests of the most comprehensive cancer management information accrued through this study is of the highest priority.

National Cancer Plan Objectives: C5 Approaches: C5.1.2
C6 C6.1.2

11. Project Officer: Dr. Cullen

12. FY 1975 Funds: $85,094

GRANT SUMMARY

1. Title: Psychological Adjustment of Radiotherapy

2. Principal Investigator: Dr. Jimmie Holland

3. Performing Organization: Montefiore Hospital and Medical Center
Bronx, New York

4. Grant Number: 1-R18-CA-18329-01

5. Starting Date: Anticipated early FY 1976

6. Expiration Date: Anticipated early FY 1977

7. Objective: The purpose of the study will be to determine if a brief pretreatment orientation by the radiation therapist concerning the rationale of treatment, the technique and modality to be employed, the significant side-effects, etc., will have the effect of reducing anxiety and fear.

8. Proposed Course: Three groups of women will be selected (no intervention, intervention-orientation, intervention-interview) and later evaluated for each of the three intervention approaches used. They will be tested for adequacy of coping with stress, mood, depression and hope.

9. Progress: No progress has been forthcoming due to the recent negotiation of award.

10. Significance for Cancer Control Program: Radiotherapy has become a common treatment tool in the management of the cancer patient. Yet it oftentimes brings with it a significant amount of tissue destruction, general malaise and other sequelae which contribute to a vulnerable and debilitating emotional condition for the patient. The intent of this grant is to preclude and/or mitigate the amount of anxiety and fear which are often attendant with this treatment process by having a pretreatment orientation given by the radiotherapist himself. If it is found that this pretreatment orientation is effective and does mollify the subsequent effects of this very complex and intensive treatment process, it would be of considerable benefit to the cancer patient both for his psychological well being (and that of his family) as well as a significant adjunct to his physical restoration.

National Cancer Plan Objectives: C5 C6 Approaches: C5.1.2 C6.1.2

11. Project Officer: Dr. Cullen

12. FY 1975 Funds: None

PROJECT SUMMARY

1. Title: Health Underserved Rural Areas Coordinating Groups

2. Principal Cognisant Person: Michael Samuels, Dr.P.H.

3. Lead Agency: The Medical Services Administration of the Social and Rehabilitative Service

4. Starting Date: 5/1/75 5. Expiration Date: Continuing

6. Objective: The Health, Education, and Welfare Subcommittee of the Senate Appropriations Committee instructed the Medical Services Administration (MSA) to coordinate its health underserved rural areas program of the National Cancer Institute.

7. Proposed Course: MSA is authorized to spend as much as $10 million per year to provide innovative research and demonstration models of rural health care.

   Grant applications will be reviewed by a group composed of personnel from a variety of HEW agencies. Using the groups advice, MSA will select the grantees.

8. Progress: The group met on May 28 and 29, reviewed 45 applications and recommended 15 for MSA's consideration. MSA selected 9 for funding in FY 1975.

9. Significance for Cancer Control Program: The translation of cancer control concepts from demonstration to implementation is dependent on DCCR's interfacing with other government and non-government personnel and programs. This particular assignment gives DCCR an opportunity to influence the grant guidelines, to review proposals and to encourage grantees to use effective cancer control programs.

10. National Cancer Plan Objectives: C1 Approaches: C1.6.2
    C2 C2.6.2
    C3 C3.6.2
    C5 C5.6.2
    C6 C6.6.2

11. NCI Designated Group Member: Dr. Recer

12. FY 1975 Funds: None from NCI. MSA obligated $3.3 million in FY 1975 funds.

PROJECT SUMMARY

1. Title: Third-party Reimbursement of Cancer Control Activities

2. Principal Investigator: Members of the Cost-Reimbursement Subcommittee
Grace Powers Monaco, Chairperson

3. Performing Organization: Resources Branch/DCCR

4. Starting Date: 5/1/75 5. Expiration Date: Continuing

6. Objective: To obtain third-party reimbursement to sustain DCCR projects.

7. Proposed Course: To work initially with health insurers such as Blue Cross and Blue Shield to develop, on an experimental basis, a payment structure for cancer control activities that could be accepted as standard community practice for third-party payment. Test the experimentally developed structure on other payers — private health insurers, Health Maintenance Organization's, and Federal and state programs. Secondly, develop guidelines that will assist DCCR projects to seek out such sources of reimbursement.

8. Progress: Negotiations are underway with Blue Cross Association and National Association of Blue Shield Plans, on the development of a contract that would enable the two associations to collaborate with DCCR in developing a community experiment in several sites and for working with specific DCCR projects such as the community saturation programs in the planning stage on how reimbursement should be handled.

9. Significance for Cancer Control Program: If the activities of projects supported by the DCCR, are to be made available to the public at large, reimbursement from third-party payers such as health insurers and government agencies is necessary.

10. National Cancer Plan Objectives: C1 C6 Approaches: C1.4 C6.4

11. Project Officer: Mary Jo Gibson

12. FY 1975 Funds: None - It is anticipated that an Request for Proposal will be developed in FY 1976.

COMMUNICATIONS BRANCH

Cancer Control knowledge is communicated daily by many private and Federal efforts. It is the plan of the Communications Branch to further extend the reach of ongoing efforts while speeding new facts developed in DCCR projects to health professionals and the public they serve.

To make this happen, a 3-year decentralized plan has been developed to increase the channels of communication, link those channels into a network capable of rapid transmission to every community and to coordinate other private and Federal efforts, so that the maximum amount of information is presented with a unity of theme.

Steps toward implementing this plan were taken when regional Cancer Control Communications contractual programs were established in the 17 Comprehensive Centers. Funds are provided through contracts to support the establishment of core staffs of communications offices and to finance the development of materials and resources required to extend the control program of the Center and the DCCR.

INSTALLING THE WATS SYSTEM

The highest priority activity for these offices during FY 1975 was expediting the installation of toll-free phone systems so the public may call for answers to questions about cancer. It is believed this approach will permit the public to find a focus for its right to know. In turn, the network aids coordination of those concerned with the transmission of knowledge. The Communications Branch has arranged directly with A. T. and T. to provide this service to all 17 Comprehensive Cancer Center communications programs. The network will be fully operational in all 50 states during FY 1976. A model training program for volunteers and others involved in this program is being developed by the Communications Branch and will be presented to these communications offices in order to maintain high quality service. Following training of the volunteers, an intensive promotional program will acquaint the public with the service.

The establishment of the Cancer Control Communications Network begins a process by which the proven results of the Division's intervention programs can be promoted and implemented without requiring additional Federal funding.

Outreach activities of the regional Cancer Control Communications programs, when supported by promotion, will stimulate communities to call upon other programs of the Division for technical assistance in organizing community-level cancer control programs. Response to these community inquiries will come primarily from the Resources Branch and from the Office of Community Activities.

Once the network is completed, the Communications Branch will respond immediately to the needs of Division-generated activities for communications service. Area Communications Offices will be directed to assist in preparing materials which will enable Branch projects to communicate more effectively. Field tests of these methods of support to DCCR projects already is underway on a limited basis in the Tyler, Texas asbestos worker's program.

WORKING WITH ACS

Discussions continue with the American Cancer Society (ACS) on collaborative efforts in which the Communications Branch will provide consultation and technical assistance to ACS activities related to programs of the National Cancer Program. The Communications Branch is also collaborating with the Office of Cancer Communications, National Cancer Institute, in creating a mutual information clearinghouse for cancer communications. This clearinghouse will be the central collection and distribution point to assist those answering public inquiries about cancer.

Among the innovative activities planned by the Communications Branch, in cooperation with the Community Activities Branch, is the organization and conduct of prototype communtity-level programs to communicate the value of cancer screening for early detection.

Collaborative efforts to assure total access by the public to cancer knowledge are and will continue to work with Social and Rehabilitative Services (SRS) in rural activities.

CONTRACT SUMMARY

1. Title: Comprehensive Cancer Center Communications Network

2. Principal Investigator: Dr. John R. Durant
Board of Trustees of the University of Alabama in Birmingham
University Station
Birmingham, Alabama 35294

3. Performing Organization: The Board of Trustees of the University of Alabama for the University of Alabama in Birmingham

4. Contract Number: N01-CN-55231

5. Starting Date: 6/30/75 6. Expiration Date:

7. Objective: To serve as focal point within the center for information about cancer for the public and health professionals.

8. Proposed Course: The contractor will establish an information/education office and by the end of the first year, install WATS lines for hotline services for the public. The contractor will conduct the program, including promotion, for the first 3 years.

9. Progress: Recruiting personnel to establish office.

10. Significance for Cancer Control Program: Supports the practical goal of cancer control by aiding in the translation of, transmission to and full utilization by the public and health professionals of knowledge concerning the means of reducing the incidence, morbidity and mortality of cancer in humans.

National Cancer Plan Objectives: C1, C2, C3, C5, and C6 Approaches: C1.1, C1.2, C2.1, C3.1, C5.1, C5.3, and C6.1

11. Project Officer: Mr. Rhone

12. FY 1975 Funds: $433,447

CONTRACT SUMMARY

1. Title: Comprehensive Cancer Center Communications Network

2. Principal Investigator: R. Lee Clark, M.D.
University of Texas
M. D. Anderson Hospital and
Tumor Institute
6723 Bertner Avenue
Houston, Texas 77025

3. Performing Organization: The University of Texas System
Cancer Center
M. D. Anderson Hospital and
Tumor Institute

4. Contract Number: N01-CN-55244

5. Starting Date: 6/30/75 6. Expiration Date:

7. Objective: To serve as a focal point within the center for information about cancer for the public and health professionals.

8. Proposed Course: The contractor will establish an information/education office and by the end of the first year, install WATS lines for hotline services for the public. The contractor will conduct the program, including promotion, for the first 3 years.

9. Progress: Recruiting personnel to establish office.

10. Significance for Cancer Control Program: Supports the practical goal of cancer control by aiding in the translation, tramsmission to and utilization by the public and health professionals of knowledge concerning means of reducing the incidence, morbidity, and mortality of cancer in humans.

National Cancer Plan Objectives: C1, C2, C3, C5, and C6

Approaches: C1.1, C1.2, C2.1, C3.1, C5.1, C5.2, and C6.1

11. Project Officer: Mr. Rhone

12. FY 1975 Funds: $263,793

CONTRACT SUMMARY

1. Title: Comprehensive Cancer Center Communications Network

2. Principal Investigator: Martin Semple
Colorado Regional Cancer Center, Inc.
1655 Lafayette Street
Suite 301
Denver, Colorado 80218

3. Performing Organization: Colorado Regional Cancer Center, Inc.

4. Contract Number: NO1-CN-55236

5. Starting Date: 6/15/75 6. Expiration Date:

7. Objective: To serve as a focal point within the center for information about cancer for the public and health professionals.

8. Proposed Course: The contractor will establish an information/education office and, by the end of the first year, install WATS lines for hotline services for the public. Contractor will conduct the program, including promotion for a total of 3 years.

9. Progress: Recruiting personnel to establish office.

10. Significance for Cancer Control Program: Supports the practical goal of Cancer Control by aiding in the translation of, transmission to and full utilization by the public and health professionals of knowledge concerning means of reducing incidence, morbidity and mortality of cancer in humans.

National Cancer Plan Objectives:	C1, C2, C3, C5, C6	Approaches:	C1.1, C1.2, C2.1, C3.1, C5.1, C5.3, C6.1

11. Project Officer: Mr. Rhone

12. FY 1975 Funds: $240,355

CONTRACT SUMMARY

1. Title: Comprehensive Cancer Center Communications Network

2. Principal Investigator: E. Harvey Estes, M.D.
Duke University Medical Center
Durham, North Carolina 27710

3. Performing Organization: Duke University

4. Contract Number: NO1-CN-55234

5. Starting Date: 6/4/75 6. Expiration Date:

7. Objective: To serve as a focal point within the center for information about cancer for the public and health professionals.

8. Proposed Course: The contractor will establish an information/education office and, by the end of the first year, install WATS lines for hotline services for the public. Contractor will conduct the program, including promotion for a total of 3 years.

9. Progress: Recruiting personnel to establish office.

10. Significance for Cancer Control Program: Supports the practical goal of Cancer Control by aiding in the translation of, transmission to and full utilization by the public and health professionals of knowledge concerning means of reducing incidence, morbidity and mortality of cancer in humans.

National Cancer Plan Objectives:	Approaches:
C1	C1.1, C1.2
C2	C2.1
C3	C3.1
C5	C5.1, C5.3
C6	C6.1

11. Project Officer: Mr. Rhone

12. FY 1975 Funds: $249,341

CONTRACT SUMMARY

1. Title: Comprehensive Cancer Center Communications Network

2. Principal Investigator: Dr. Alfred L. Frechette
35 Binney Street
Boston, Massachusetts 02115

3. Performing Organization: Sidney Farber Cancer Center

4. Contract Number: NO1-CN-55229

5. Starting Date: 6/30/75 6. Expiration Date:

7. Objective: To serve as a focal point within the center for information about cancer for the public and health professionals.

8. Proposed Course: The contractor will establish an information/education office and, by the end of the first year, install WATS lines for hotline services for the public. Contractor will conduct the program, including promotion for a total of 3 years.

9. Progress: Ready to recruit personnel.

10. Significance for Cancer Control Program: Supports the practical goal of Cancer Control by aiding in the translation of, transmission to and full utilization by the public and health professionals of knowledge concerning means of reducing incidence, morbidity and mortality of cancer in humans.

National Cancer Plan Objectives:	Approaches:
C1	C1.1, C1.2
C2	C2.1
C3	C3.1
C5	C5.1, C5.3
C6	C6.1

11. Project Officer: Mr. Rhone

12. FY 1975 Funds: $90,282

CONTRACT SUMMARY

1. Title: Comprehensive Cancer Center Communications Network

2. Principal Investigator: Dr. Timothy R. Talbot
The Institute for Cancer Research
7701 Burholme Avenue
Philadelphia, Pennsylvania 19111

3. Performing Organization: The Institute for Cancer Research

4. Contract Number: NO1-CN-55237

5. Starting Date: 6/30/75 6. Expiration Date:

7. Objective: To serve as a focal point within the center for information about cancer for the public and health professionals.

8. Proposed Course: The contractor will establish an information/education office and, by the end of the first year, install WATS lines for hotline services for the public. Contractor will conduct the program, including promotion for a total of 3 years.

9. Progress: Recruiting personnel to establish office.

10. Significance for Cancer Control Program: Supports the practical goal of Cancer Control by aiding in the translation of, transmission to and full utilization by the public and health professionals of knowledge concerning means of reducing incidence, morbidity and mortality of cancer in humans.

National Cancer Plan Objectives:	C1	Approaches:	C1.1, C1.2
	C2		C2.1
	C3		C3.1
	C5		C5.1, C5.3
	C6		C6.1

11. Project Officer: Mr. Rhone

12. FY 1975 Funds: $212,599

CONTRACT SUMMARY

1. Title: Comprehensive Cancer Center Communications Network

2. Principal Investigator: Jack E. White, M.D.
Howard University
Cancer Research Center
College of Medicine
Washington, D. C. 20059

3. Performing Organization: Howard University

4. Contract Number: NO1-CN-55230

5. Starting Date: 6/27/75 6. Expiration Date:

7. Objective: To serve as a focal point within the center for information about cancer for the public and health professionals.

8. Proposed Course: The contractor will establish an information/education office and, by the end of the first year, will provide hotline services for the public. Contractor will conduct the program, including promotion for a total of 3 years.

9. Progress: Recruiting personnel to establish office.

10. Significance for Cancer Control Program: Supports the practical goal of Cancer Control by aiding in the translation of, transmission to and full utilization by the public and health professionals of knowledge concerning means of reducing incidence, morbidity, and mortality of cancer in humans.

National Cancer Plan Objectives:		Approaches:	
	C1		C1.1, C1.2
	C2		C2.1
	C3		C3.1
	C5		C5.1, C5.3
	C6		C6.1

11. Project Officer: Mr. Rhone

12. FY 1975 Funds: $263,226

CONTRACT SUMMARY

1. Title: Comprehensive Cancer Center Communications Network

2. Principal Investigator: Dr. William B. Hutchinson
   Fred Hutchinson Cancer Research Center
   1102 Columbia Street
   Seattle, Washington 98104

3. Performing Organization: Fred Hutchinson Cancer Research Center

4. Contract Number: NO1-CN-55233

5. Starting Date: 6/20/75 6. Expiration Date:

7. Objective: To serve as a focal point within the center for information about cancer for the public and health professionals.

8. Proposed Course: The contractor will establish an information/education office, and, by the end of the first year, install WATS lines for hotline services for the public. Contractor will conduct the program, including promotion for a total of 3 years.

9. Progress: Ready to recruit personnel.

10. Significance for Cancer Control Programs: Supports the practical goal of Cancer Control by aiding in the translation of, transmission to and full utilization by the public and health professionals of knowledge concerning means of reducing incidence, morbidity and mortality of cancer in humans.

National Cancer Plan Objectives:		Approaches:	
	C1		C1.1, C1.2
	C2		C2.1
	C3		C3.1
	C5		C5.1, C5.3
	C6		C6.1

11. Project Officer: Mr. Rhone

12. FY 1975 Funds: $250,673

CONTRACT SUMMARY

1. Title: Comprehensive Cancer Centers Communications Network

2. Principal Investigator: Samuel G. Taylor, III, M.D.
Illinois Cancer Council
37 South Wabash Avenue
Chicago, Illinois 60603

3. Performing Organization: Illinois Cancer Council

4. Contract Number: NO1-CN-55245

5. Starting Date: 6/30/75 6. Expiration Date:

7. Objective: To serve as a focal point within the center for information about cancer for the public and health professionals.

8. Proposed Course: The contractor will establish an information/education office and, by the end of the first year, install WATS lines for hotline services for the public. Contractor will conduct the program, including promotion for a total of 3 years.

9. Progress: Recruiting of personnel to establish office.

10. Significance for Cancer Control Program: Supports the practical goal of Cancer Control by aiding in the translation of, transmission to and full utilization by the public and health professionals of knowledge concerning means of reducing incidence, morbidity and mortality of cancer in humans.

National Cancer Plan Objectives:	C1	Approaches:	C1.1, C1.2
	C2		C2.1
	C3		C3.1
	C5		C5.1, C5.3
	C6		C6.1

11. Project Officer: Mr. Rhone

12. FY 1975 Funds: $75,076

CONTRACT SUMMARY

1. Title: Comprehensive Cancer Center Communications Network

2. Principal Investigator: Bruce Douglass, M.D.
Mayo Foundation
200 First Street, Southwest
Rochester, Minnesota 55901

3. Performing Organization: Mayo Foundation

4. Contract Number: NOl-CN-55242

5. Starting Date: 6/15/75 6. Expiration Date:

7. Objective: To serve as a focal point within the center for information about cancer for the public and health professionals.

8. Proposed Course: The contractor will establish an information/education office and, by the end of the first year, install WATS lines for hotline services for the public. Contractor will conduct the program, including promotion for a total of 3 years.

9. Progress: Recruiting personnel to establish office.

10. Significance for Cancer Control Program: Supports the practical goal of Cancer Control by aiding in the translation of, transmission to and full utilization by the public and health professionals of knowledge concerning means of reducing incidence, morbidity and mortality of cancer in humans.

National Cancer Plan Objectives:		Approaches:	
	C1		C1.1, C1.2
	C2		C2.1
	C3		C3.1
	C5		C5.1, C5.3
	C6		C6.1

11. Project Officer: Mr. Rhone

12. FY 1975 Funds: $279,708

CONTRACT SUMMARY

1. Title: Comprehensive Cancer Communications Network

2. Principal Investigator: Dr. Lewis Thomas
   Memorial Hospital for Cancer and
   Allied Diseases
   1275 York Avenue
   New York, New York 10021

3. Performing Organization: Memorial Hospital for Cancer and
   Allied Diseases

4. Contract Number: NO1-CN-55224

5. Starting Date: 6/30/75 6. Expiration Date:

7. Objective: To serve as a focal point within the center for information about cancer for the public and health professionals.

8. Proposed Course: The contractor will establish an information/education office and, by the end of the first year, install WATS lines for hotline services for the public. Contractor will conduct the program, including promotion for a total of 3 years.

9. Progress: Recruiting personnel to establish office.

10. Significance for Cancer Control Program: Supports the practical goal of Cancer Control by aiding in the translation of, transmission to and full utilization by the public and health professionals of knowledge concerning means of reducing incidence, morbidity and mortality of cancer in humans.

National Cancer Plan Objectives:		Approaches:	
	C1		C1.1, C1.2
	C2		C2.1
	C3		C3.1
	C5		C5.1, C5.3
	C6		C6.1

11. Project Officer: Mr. Rhone

12. FY 1975 Funds: $248,334

CONTRACT SUMMARY

1. Title: Comprehensive Cancer Center Communications Network

2. Principal Investigator: Dr. C. Gordon Zubrod, M.D.
University of Miami
Coral Gables, Florida

3. Performing Organization: University of Miami

4. Contract Number: NO1-CN-55243

5. Starting Date: 6/27/75 6. Expiration Date:

7. Objective: To serve as a focal point within the center for information about cancer for the public and health professionals.

8. Proposed Course: The contractor will establish an information/education office and, by the end of the first year, install WATS lines for hotline services for the public. Contractor will conduct the program, including promotion for a total of 3 years.

9. Progress: Recruiting personnel to establish office.

10. Significance for Cancer Control Program: Supports the practical goal of Cancer Control by aiding in the translation of, transmission to and full utilization by the public and health professionals of knowledge concerning means of reducing incidence, morbidity and mortality of cancer in humans.

National Cancer Plan Objectives:		Approaches:
	C1	C1.1, C1.2
	C2	C2.1
	C3	C3.1
	C5	C5.1, C5.3
	C6	C6.1

11. Project Officer: Mr. Rhone

12. FY 1975 Funds: $317,986

CONTRACT SUMMARY

1. Title: Comprehensive Cancer Center Communications Network

2. Principal Investigator: Dr. Albert H. Owens, Jr.
   The Johns Hopkins University
   School of Medicine
   Charles and 34th Streets
   Baltimore, Maryland 21218

3. Performing Organization: The Johns Hopkins University

4. Contract Number: NO1-CN-55241

5. Starting Date: 6/27/75 6. Expiration Date:

7. Objective: To serve as a focal point within the center for information about cancer for the public and health professionals.

8. Proposed Course: The contractor will establish an information/education office and, by the end of the first year, install WATS lines for hotline services for the public. Contractor will conduct the program, including promotion for a total of 3 years.

9. Progress: Recruiting personnel to establish office.

10. Significance for Cancer Control Program: Supports the practical goal of Cancer Control by aiding in the translation of, transmission to and full utilization by the public and health professionals of knowledge concerning means of reducing incidence, morbidity and mortality of cancer in humans.

National Cancer Plan Objectives:	Approaches:
C1	C1.1, C1.2
C2	C2.1
C3	C3.1
C5	C5.1, C5.3
C6	C6.1

11. Project Officer: Mr. Rhone

12. FY 1975 Funds: $329,289

CONTRACT SUMMARY

1. Title: Comprehensive Cancer Center Communications Network

2. Principal Investigator: G. Denman Hammond, M.D.
University of Southern California
School of Medicine
2025 Zonal Avenue
Los Angeles, California 90033

3. Performing Organization: University of Southern California

4. Contract Number: NO1-CN-55235

5. Starting Date: 6/15/75 6. Expiration Date:

7. Objectives: To serve as a focal point within the center for information about cancer for the public and health professionals.

8. Proposed Course: The contractor will establish an information/education office and, by the end of the first year, install WATS lines for hotline services for the public. Contractor will conduct the program, including promotion for a total of 3 years.

9. Progress: Recruiting personnel to establish office.

10. Significance for Cancer Control Program: Supports the practical goal of Cancer Control by aiding in the translation of, transmission to and full utilization by the public and health professionals of knowledge concerning means of reducing incidence, morbidity and mortality of cancer in humans.

National Cancer Plan Objectives:	C1	Approaches:	C1.1, C1.2
	C2		C2.1
	C3		C3.1
	C5		C5.1, C5.3
	C6		C6.1

11. Project Officer: Mr. Rhone

12. FY 1975 Funds: $291,187

CONTRACT SUMMARY

1. Title: Comprehensive Cancer Center Communications Network

2. Principal Investigator: Dr. Harold P. Rausch
750 University Avenue
Madison, Wisconsin 53706

3. Performing Organization: Board of Regents of the University of Wisconsin System

4. Contract Number: NOl-CN-55228

5. Starting Date: 6/1/75 6. Expiration Date:

7. Objective: To serve as a focal point within the center for information about cancer for the public and health professionals.

8. Proposed Course: The contractor will establish an information/education office and, by the end of the first year, install WATS lines for hotline services for the public. Contractor will conduct the program, including promotion for a total of 3 years.

9. Progress: Recruiting personnel to establish office.

10. Significance for Cancer Control Program: Supports the practical goal of Cancer Control by aiding in the translation of, transmission to and full utilization by the public and health professionals of knowledge concerning means of reducing incidence, morbidity and mortality of cancer in humans.

National Cancer Plan Objectives:	Approaches:
C1	C1.1, C1.2
C2	C2.1
C3	C3.1
C5	C5.1, C5.3
C6	C6.1

11. Project Officer: Mr. Rhone

12. FY 1975 Funds: $80,895

CONTRACT SUMMARY

1. Title: Comprehensive Cancer Center Communications Network

2. Principal Investigator: Dr. Gerald P. Murphy
Roswell Park Division
Buffalo, New York 14203

3. Performing Organization: New York State Department of Health and Health Research, Inc.

4. Contract Number: NO1-CN-55174

5. Starting Date: 5/1/75 6. Expiration Date:

7. Objective: To serve as a focal point within the center for information about cancer for the public and health professionals.

8. Proposed Course: The contractor will establish an information/education office and, by the end of the first year, install WATS lines for hotline services for the public. Contractor will conduct the program, including promotion for a total of 3 years.

9. Progress: Recruiting personnel to establish office.

10. Significance for Cancer Control Program: Supports the practical goal of Cancer Control by aiding in the translation of, transmission to and full utilization by the public and health professionals of knowledge concerning means of reducing incidence, morbidity and mortality of cancer in humans.

National Cancer Plan Objectives:		Approaches:	
	C1		C1.1, C1.2
	C2		C2.1
	C3		C3.1
	C5		C5.1, C5.3
	C6		C6.1

11. Project Officer: Mr. Rhone

12. FY 1975 Funds: $83,223

CONTRACT SUMMARY

1. Title: Comprehensive Cancer Center Communications Network

2. Principal Investigator: Joseph R. Bertino, M.D.
   Yale University
   155 Whitney Avenue
   New Haven, Connecticut 06520

3. Performing Organization: Yale University

4. Contract Number: NO1-CN-55232

5. Starting Date: 6/30/75 6. Expiration Date:

7. Objective: To serve as a focal point within the center for information about cancer for the public and health professionals.

8. Proposed Course: The contractor will establish an information/education office and, by the end of the first hear, install WATS lines for hotline services for the public. Contractor will conduct the program, including promotion for a total of 3 years.

9. Progress: Recruiting personnel to establish office.

10. Significance for Cancer Control Program: Supports the practical goal of Cancer Control by aiding in the translation of, transmission to and full utilization by the public and health professionals of knowledge concerning means of reducing incidence, morbidity and mortality of cancer in humans.

National Cancer Plan Objectives:		Approaches:	
	C1		C1.1, C1.2
	C2		C2.1
	C3		C3.1
	C5		C5.1, C5.3
	C6		C6.1

11. Project Officer: Mr. Rhone

12. FY 1975 Funds: $293,973

CONTRACT SUMMARY

1. Title: Technical Support Services for the DCCR Communications Branch

2. Principal Investigator: Mr. Thomas Buffington
Buffington/Mingo
1050 31st Street, N.W.
Washington, D.C. 20007

3. Performing Organization: Buffington/Mingo

4. Contract Number: N01-CN-55317

5. Starting Date: 6/30/75 6. Expiration Date:

7. Objective: To provide communications services in support of Branch and DCCR activities.

8. Proposed Course: Will respond to tasks assigned by the Communications Branch.

9. Progress: Proceeding with assigned tasks.

10. Significance for Cancer Control Program: Supports the practical goal of CancerControl by aiding in the translation of, transmission to and full utilization by the public and health professionals of knowledge concerning the means of reducing incidence, morbidity and mortality of cancer in humans.

National Cancer Plan Objectives: C1, C2, C3, C5, C6, C7 Approaches: C1.1, C1.2, C2.1, C2.2, C3.1, C3.2, C5.1, C5.2, C6.1, C7.1

11. Project Officer: Mr. Rhone

12. FY 1975 Funds: $286,355

CONTRACT SUMMARY

1. Title: Preparation of Catalogue of Public Information and Professional Cancer Education Materials

2. Principal Investigator: Ford Johnson
Koba Associates, Inc.
1133 15th Street, N. W.
Washington, D. C. 20005

3. Performing Organization: Koba Associates, Inc.

4. Contract Number: NO1-CN-55259

5. Starting Date: 6/17/75 6. Expiration Date:

7. Objective: Prepare catalogues of printed and audiovisual cancer education materials.

8. Proposed Course: Review and compile catalogues of presently available materials.

9. Progress: Compiling sources.

10. Significance for Cancer Control Program: Supports the practical goal of Cancer Control by aiding in the translation of, transmission to and full utilization by the public and health professionals of knowledge concerning means of reducing incidence, morbidity and mortality of cancer in humans.

National Cancer Plan Objectives:		Approaches:	
	C1		C1.1, C1.2
	C2		C2.1, C2.2
	C3		C3.1, C3.2
	C5		C5.1, C5.2
	C6		C6.1, C6.2
	C7		C7.1

11. Principal Investigator: Mr. Rhone

12. Fy 1975 Funds: $194,031

GRANT SUMMARY

1. Title: Cancer Answers and Rights Information System

2. Principal Investigator: Dr. Robert Jessee

3. Performing Organization: Virginia Commonwealth University

4. Grant Number: CA-17797

5. Starting Date: 5/1/75 6. Expiration Date: 4/30/77

7. Objective: To develop audiotape "Answers" to public phone inquiries on cancer control, so that the public's right to know the latest comprehensive knowledge can be met.

8. Proposed Course:

9. Progress: About 20 tapes will be developed on volunteer resources or approximately 35 tapes will deal with basic cancer information.

10. Significance for Cancer Control Program: This study should have laudable effects upon public education efforts in this field. The investigator has already formulated a successful public education telephone information system, but it does not deal with patient information or patient's rights. The first group of tapes proposed will constitute an additional valuable public education tool.

National Cancer Plan Objective: Approach:

11. Project Officer: Mr. Rhone

12. FY 1975 Funds: $50,000

LIAISON BRANCH

The chief objective of the Liaison Branch is to establish and maintain an effective exchange of information on matters relating to cancer control and rehabilitation with other government agencies, national, professional and voluntary health organizations, state and local health agencies, concerned industries, labor unions, etc.

LIAISON WITH GOVERNMENT AGENCIES

Since establishment of the Branch in October 1974, a good start has been made in developing cooperative relationships with the many service delivery programs of the Health Services Administration and with the Bureau of Health Manpower, the National Center for Health Statistics, and the National Center for Health Services Research in the Health Resources Administration. Awaiting agreement on a date is a meeting with the Director of the new Bureau of Health Planning and Resources Development. This Branch will be responsible for managing the Interagency Coordinating Committee for Cancer Control and Rehabilitation (ICCCCR) which is now in processing. The ICCCCR will bring together pertinent agencies within "H" to develop action oriented liaison programs for cancer control in areas of mutual interest.

The Division has had a number of contacts with the Social and Rehabilitation Services (SRS) to develop better cancer detection programs in rural areas. The Liaison Branch also participated in the development of guidelines for the Early Periodic Screening, Detection and Treatment (EPSDT) Program administered by SRS for beneficiaries under age 21 of Titles V, XVIII, and XIX. The guidelines were developed by a task force under the Division of Clinical Services of the Health Service Administration.

LIAISON SUPPORT FOR OTHER BRANCHES

The Branch encourages liaison activities being carried out by other branches of DCCR. The Prevention Branch is working in cooperation with the National Clearinghouse for Smoking and Health of the Center for Disease Control, and with the Occupational Safety and Health Administration of the Department of Labor. The Resources Branch works with the Association of American Medical Colleges, the American Medical and Dental Associations, the American Association for Cancer Education, the National League for Nursing, the American Nurses Association, etc.

WORK WITH PROFESSIONAL ORGANIZATIONS

A high priority is placed on achievement of a two-way flow of information with appropriate national professional organizations to help them develop or increase the efforts of their members in improving detection, diagnosis and treatment of cancer and the rehabilitation and continuing care of cancer patients. During the past year, cooperative efforts have

been started with the American College of Obstetrics and Gynecology which has established task forces on pelvic and breast cancers; with the American College of Radiology in programs to improve the quality of mammography in the U. S.; with the American College of Surgeons to continue and improve its evaluation and approval of hospital cancer programs and to obtain the help of its Liaison Fellows in promoting cancer control activities; with the American Academy of Family Practice to help in its efforts to improve the participation of its members in cancer detection, diagnosis, rehabilitation and continuing care.

WORKING WITH THE VOLUNTARY AGENCY

One of the most important areas for continuing liaison activity is with the American Cancer Society (ACS) which was active in the fields of cancer control and rehabilitation long before passage of the National Cancer Act of 1971. A joint meeting of the senior staffs of ACS headquarters and of DCCR was held in January 1975 and close cooperation has been fostered in all DCCR operations in which it is feasible.

INTERNATIONAL LIAISON

The Liaison Branch also worked closely with Dr. Joseph Saunders, Director of U. S.-U. S. S. R. Research Activities, in the Office of International Affairs, NCI on preparation for the visit of the U. S. Delegation on Cancer Control and Cancer Centers to the Soviet Union, May 25-June 5, 1975. Branch members participated in the exchange to Leningrad and Moscow. The Joint Agreement on Cancer Control and Cancer Centers was signed in Leningrad on May 31, 1975 and confirmed in Moscow the following week. During the next year, the Branch will be responsible for the coordination of NCI efforts to implement the joint programs developed as part of the Joint Agreement on Cancer Control and Cancer Centers.

Finally, the Liaison Branch is working toward the establishment of a file for the DCCR of up-to-date information on the goals, organizational framework, officers, meetings, and relevant committees and activities of all national professional and voluntary health organizations and specialty societies which are concerned with cancer control. Arrangements are being made for the regular exchange of mutual interests.

COMMUNITY ACTIVITIES

Community Activities was established when the Cancer Control Program achieved Divisional status in September 1974.

The Office of Community Activities serves in the structure of the DCCR as completion of the continuum of Cancer Control. This Divisional segment is responsible for the demonstration and promotion of those field-tested activities provided by evaluation of the Intervention segment of DCCR to be practical, useful and acceptable.

The Office of Community Activities carries out its projects through grants and contracts. Plans for evaluation of its activities which involve assessment of the impact of this coordinated approach to cancer control are being finalized.

To carry out mandated and recommended purposes, two branches within the Office of Community Activities have been established: the Community Resources Development Branch, responsible for the development, planning and implementation of community-based/saturation programs; and the Community Special Projects Branch, responsible for community outreach programs conducted by NCI-recognized Comprehensive Cancer Centers or multiprotocol organizations.

COMMUNITY RESOURCES DEVELOPMENT BRANCH

The major Branch activities within the past year, 1974-1975, have been the development of community-based cancer control programs (the so-called "saturation program"). The stauration program has its origins in the recommendations of Working Group 8, a distinguished group of cancer experts which was convened to develop the cancer control portion of the National Cancer Plan.

Working Group 8 strongly recommended "... that emphasis be placed on developing demonstrations of the full range of cancer control services, from prevention through continuing care." Comprehensive community-oriented cancer control programs can organize the physical, financial and psychological support for such an all-out attack on cancer incidence, morbidity and mortality. Means for such a comprehensive community-wide attack are available and should be immediately and widely applied. Only by linking cancer centers with other medical institutions competent in cancer screening and detection, diagnosis and treatment, and rehabilitation and continuing care and community-oriented organizations, will comprehensive cancer control systems be implemented. A few demonstrations of this sort, with careful evaluation, would reveal what can be accomplished now through cancer control.

Working Group 8 also made a number of specific suggestions which will be inherent in the Community-Based Cancer Control Programs (CBCCPs), e.g., development of information systems, public and professional education, training and motivation, collaboration with appropriate community organizations, and promoting the efficient use of scarce resources and development of necessary manpower.

In direct response to these recommendations, DCCR-Community Activities developed and issued an RFP for the development of a small number of community-based cancer control programs. Thirty-three communities responded; 9 planning contracts were signed in late June 1975; 2 communities are currently in negotiation for implementation contracts.

Essentially, these CBCCPs are the implementation of the Working Group 8 recommendation for the demonstration of a true comprehensive community cancer control system. Under this contract, the community will coordinate its cancer control activities for an all-out attack on cancer.

CBCCPs must include three major ingredients:

1. Cooperative arrangement of all relevant elements in cancer control within a defined community of 1.5-3 million persons. From this group, the community will select a lead organization to serve as fiscal agent.

2. Population-based data system conceptually similar to SEER. This data system will enable the community to identify cancers most appropriate for intervention. It will also help the community to evaluate the success of the CBCCP in reducing the incidence, morbidity and mortality from cancer, over time, in that community.

3. Ability to implement proven cancer control interventions across all control interventions for selected cancer sites.

The RFP allowed a planning period of up to 18 months at a total direct cost of $100,000. Some of the activities in this phase include development of community profiles, identification of current cancer control and related health activities in the community, development of cooperative arrangements, and delineation of the saturation plan. The implementation phase is at least 5 years, with 50/50 cost-sharing.

CBCCPs involve cooperative arrangements among community individuals, facilities and institutions for the application of the full range of interventions on a community basis. They cannot, by mandate of the National Cancer Act, be involved in either delivering health care or restructuring of the delivery system.

One final concern of Community Activities is worthy of note. Because program funds are limited, Community Activities has a policy of providing consultation to community groups which did not receive planning or implementation contracts, but are interested in developing community cancer control programs. These groups will, of course, not be expected to meet the rigid criteria expected of contractors.

CONTRACT SUMMARY

Title: Phase I--Planning for A Community-Based Cancer Control Program

In this procurement, the objective and proposed action courses are similar for each contract. A listing of the principal investigator, performing organizations and other relevant information will follow.

The objectives and proposed action courses apply to all contracts included in this summary. These encompass NCI-DCCR objectives C1 through C8.

Objectives C1-C8: Planning a community-based saturation program will involve a multidisciplinary group of individuals, including citizens, medical practicioners, nurses, allied health educators, health care organizers and administrators, health planners, economists, epidemiologists, community organizers and voluntary organizations. Modalities include community involvement, organization, coordination of resources, facilities and personnel, public and professional education and intervention techniques. The plan will incorporate all the appropriate cancer control intervention knowledge and techniques pertinent to the epidemiologic characteristics, and socioeconomic characteristics of that community.

Proposed Courses:

Task I Develop profile of the specific community, including boundaries, cancer control activities, number and types of personnel, facilities, and resources. Identify gaps/problems/needs not being met.

Task II Delineate the saturation program to be implemented, including objectives, major courses of action and evaluation of same.

Task III Describe implementation factors (include Gantt and/or milestone charts) detailing who does what and when.

Task IV Specify program management (who is responsible for each program activity) in detail.

Task V Define plan for continuous surveillance, evaluation and reporting status and progress.

Task VI Identify related cancer and other health activities in the community and describe coordination mechanisms.

Task VII Provide financial planning for the implementation phase which requires 50/50 cost-sharing (a portion of which may be in kind) financing.

CONTRACT SUMMARIES

1. Title: Community-Based Cancer Control Planning

2. Principal Investigator: Dr. Lawrence H. Piette
   Research Corporation of the
   University of Hawaii
   110 University Avenue
   Suite 402
   Honolulu, Hawaii 96814

3. Performing Organization: Research Corporation of the
   University of Hawaii

4. Contract Number: 55267

5. Starting Date: 6/30/75

6. Expiration Date:

7. Award Amount: $135,950

8. Targeted Cancer Sites: Colo-rectal, breast, cervical/uterine corpus

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1. Title: Community-Based Cancer Control Planning

2. Principal Investigator: Dr. Fiorindo A. Simeone
   Rhode Island Department of Health
   75 Davis Street
   Providence, Rhode Island 02908

3. Performing Organization: Rhode Island Department of Health

4. Contract Number: 55271

5. Starting Date: 6/27/75

6. Expiration Date:

7. Award Amount: $110,724

8. Targeted Cancer Sites: To be determined by task forces during planning process.

1. Title: Community-Based Cancer Control Planning

2. Principal Investigator: Dr. John Hartmann
Fred Hutchinson Cancer Research Center
1102 Columbia Street
Seattle, Washington 98104

3. Performing Organization: Fred Hutchinson Cancer Research Center

4. Contract Number: 55272

5. Starting Date: 6/26/75 6. Expiration Date:

7. Award Amount: $106,133

8. Targeted Cancer Sites: Lymphoma, ovarian cancer and two other sites to be determined during planning.

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1. Title: Community-Based Cancer Control Planning

2. Principal Investigator: Dr. Raymond F. Smith
Long Island Cancer Council
535 Broad Hollow Road
Melville, New York 11746

3. Performing Organization: Long Island Cancer Council

4. Contract Number: 55274

5. Starting Date: 6/27/75 6. Expiration Date:

7. Award Amount: $119,167

8. Targeted Cancer Sites: Colo-rectal, uterine, breast, prostate.

1. Title: Community-Based Cancer Control Planning

2. Principal Investigator: Ms. Helene G. Brown
National Health Agencies
5757 Wilshire Boulevard
Los Angeles, California 90036

3. Performing Organization: American Cancer Society
2932 Wilshire Boulevard
Santa Monica, California 90403

4. Contract Number: 55269

5. Starting Date: 6/30/75 6. Expiration Date:

7. Award Amount: $118,425

8. Targeted Cancer Sites: Breast, cervix, Hodgkin's disease, acute leukemia; final decision regarding sites to be made during planning process.

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1. Title: Community-Based Cancer Control Planning

2. Principal Investigator: Dr. Barbara W. Christine

3. Performing Organization: Connecticut State Department of Health
79 Elm Street
Hartford, Connecticut 06115

4. Contract Number: 55266

5. Starting Date: 6/30/75 6. Expiration Date:

7. Award Amount: $160,309

8. Targeted Cancer Sites: Lung, large intestine, prostate, breast and uterine.

CONTRACT SUMMARIES

1. Title: Community-Based Cancer Control Planning

2. Principal Investigator: Dr. Bernard Fisher

3. Performing Organization: University of Pittsburgh
   3017 Cathedral of Learning
   Pittsburgh, Pennsylvania 15260

4. Contract Number: 55268

5. Starting Date: 6/25/75 6. Expiration Date:

7. Award Amount: $151,000

8. Targeted Cancer Sites: To be determined by site specific task forces.

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1. Title: Community-Based Cancer Control Planning

2. Principal Investigator: Dr. Harold Rusch
   701C Hospital
   University Hospital
   Madison, Wisconsin 53706

3. Performing Organization: Board of Regents
   University of Wisconsin System
   750 University Avenue
   Madison, Wisconsin 53706

4. Contract Number: 55270

5. Starting Date: 6/25/75 6. Expiration Date:

7. Award Amount: $120,221

8. Targeted Cancer Sites: Colo-rectal, breast, uterine/cervix

CONTRACT SUMMARIES

1. Title: Community-Based Cancer Control Planning

2. Principal Investigator: Dr. W. Bradford Patterson

3. Performing Organization: The University of Rochester
   Rochester, New York 14627

4. Contract Number: 55273

5. Starting Date: 6/30/75 6. Expiration Date:

7. Award Amount: $149,459

8. Targeted Cancer Sites: Breast, colo-rectal, and lung.

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1. Title: Community-Based Cancer Control Planning

2. Principal Investigator: Morton Kligerman, M.D.
   Director
   Cancer Research and Treatment Center
   University of New Mexico
   900 Camino de Salud
   Albuquerque, New Mexico 87131

3. Performing Organization: University of New Mexico

4. Contract Number: In Negotiation

5. Starting Date: 6. Expiration Date:

7. Award Amount:

8. Targeted Cancer Sites: Breast, lung, colo-rectal, prostate, uterine, and head and neck.

CONTRACT SUMMARIES

1. Title: Community-Based Cancer Control Planning

2. Principal Investigator: Michael Brennan, M.D.
   President
   Michigan Cancer Foundation
   110 East Warren Avenue
   Detroit, Michigan 48201

3. Performing Organization: Michigan Cancer Foundation

4. Contract: In Negotiation

5. Starting Date: 6. Expiration Date:

7. Award Amount:

8. Targeted Cancer Sites: Breast, head and neck, cervix, and colo-rectal.

COMMUNITY SPECIAL PROJECTS BRANCH

This Branch has the responsibility to assist Comprehensive Cancer Centers in the development and implementation of cancer control outreach endeavors. NCI has recognized 17 institutions throughout the nation as principal NCI resources in the overall efforts against cancer. These Comprehensive Cancer Centers have in common 10 special characteristics, of which at least two are of primary interest to the Division of Cancer Control and Rehabilitation. These characteristics are ongoing cancer detection programs and exercise of leadership in developing community programs involving oncology physicians and other oncology practitioners functioning in the area served by the Center.

The Comprehensive Cancer Centers are seeking ways in which the latest research knowledge can be transferred to practice as rapidly as possible through their outreach endeavors. Most often, this takes the form of a network or web of affiliates within a reasonable geographic area. Circuit riding is used to conduct clinical rounds and conferences, dosimetry consultation and comprehensive protocol usage highlight these efforts. Evaluation of these program efforts is similar to the saturation program described earlier.

Continued and developing planning management assistance is provided to contractors, grantees and to appropriate responsible community groups or centers not receiving Federal funds from this program or Division of NCI. Coordination of other DCCR activities and those of other Federal health programs that impact on community saturation and outreach programs are seen as a priority of this office.

Other services provided include, but are not limited to, conducting appropriate workshops, symposia and state-of-the-art conferences. Such conferences may be concerned with overcoming identified problems that are encountered, exchanging of practices that are successful and updating proven and practical techniques.

GRANT SUMMARY

Title: Cancer Control Developmental Grants

Objectives: In accordance with the National Cancer Plan Objectives C1-C8, this series of planning grants subsequently detailed provides the necessary planning support to enable the Comprehensive Cancer Centers to organize their knowledge and expertise about cancer into a concerted effort to form cooperative relationships and networks with health care providers and consumers within their surrounding communities. Specifically, the grant will enable each center to:

1. Mobilize a broad spectrum of community resources into integrated regional networks to provide comprehensive cancer services for various types of cancer at specific intervention points.

2. Increase the pool of available key resources to outlying communities by means of coordinating and efficiently utilizing trained professionals and presently available facilities.

GRANT SUMMARIES

1. Title: University of Chicago Cancer Control Center

2. Principal Investigator: Dr. J. E. Ultman
   University of Chicago
   5801 South Ellis Avenue
   Chicago, Illinois 60637

3. Performing Organization: University of Chicago

4. Grant Number: 1-R18-CA-16401

5. Starting Date: 6/1/74 6. Expiration Date: 5/31/76

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1. Title: Cancer Control Development Branch

2. Principal Investigator: Dr. W. M. Shingleton
   Duke University
   Medical Center
   Durham, North Carolina 27710

3. Performing Organization: University of North Carolina

4. Grant Number: 1-R18-16400

5. Starting Date: 6/1/74 6. Expiration Date: 5/31/76

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1. Title: Cancer Control Development Grant

2. Principal Investigator: Dr. A. L. Frechette
   Children's Cancer Research Center
   35 Binney Street
   Boston, Massachusetts 02115

3. Performing Organization: Children's Cancer Research Center

4. Grant Number: 1-R18-CA-16408

5. Starting Date: 6/1/74 6. Expiration Date: 5/31/77

GRANT SUMMARIES

1. Title: Development of Regional Cancer Center Program

2. Principal Investigator: Dr. Harold P. Rusch
   1300 University Avenue
   Madison, Wisconsin

3. Performing Organization: University of Wisconsin

4. Grant Number: 1-R18-CA-16405

5. Starting Date: 6/1/74 6. Expiration Date: 5/31/76

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1. Title: Cancer Control Developmental Grant

2. Principal Investigator: Dr. J. D. Hartmann
   Fred Hutchinson Cancer Research Center
   1102 Columbia Street
   Seattle, Washington 98104

3. Performing Organization: Fred Hutchinson Cancer Research Center

4. Grant Number: 1-R18-CA-16404

5. Starting Date: 6/1/74 6. Expiration Date: 5/31/77

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1. Title: Cancer Control Developmental Grant

2. Principal Investigator: Dr. Guy F. Robbins
   Memorial Hospital for Cancer and
   Allied Diseases
   1276 York Avenue
   New York, New York 10021

3. Performing Organization: Comprehensive Cancer Center of New York City

4. Grant Number: 1-R18-CA-16402

5. Starting Date: 6/15/74 6. Expiration Date: 5/31/76

GRANT SUMMARIES

1. Title: Cancer Control Developmental Grant

2. Principal Investigator: Dr. R. Lendardt, Jr.
601 North Broadway
Baltimore, Maryland 21205

3. Performing Organization: Johns Hopkins University Cancer Center

4. Grant Number: 1-R18-CA-17448

5. Starting Date: 5/1/75 6. Expiration Date: 4/30/78

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1. Title: Cancer Control Outreach Program Development Grant

2. Principal Investigator: Dr. John E. Healey, Jr.
P. O. Box 520875
Biscayne Annex
Miami, Florida 33152

3. Performing Organization: University of Miami School of Medicine

4. Grant Number: 1-R18-CA-17910

5. Starting Date: 6/1/75 6. Expiration Date: 5/31/77

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1. Title: Evaluation of the Impact of Cancer Control Programs

2. Principal Investigator: Dr. Robert McKenna
2025 Zonal Avenue
Los Angeles, California 90033

3. Performing Organization: University of Southern California

4. Grant Number: 1-R18-CA-16419

5. Starting Date: 6/1/74 6. Expiration Date: 5/31/76

GRANT SUMMARIES

1. Title: Cancer Control Development Grant

2. Principal Investigator: Dr. R. W. Rawson
Texas Medical Center
Houston, TExas 77025

3. Performing Organization: The University of Texas System
Cancer Center

4. Grant Number: 1-R18-CA-16413

5. Starting Date: 6/30/74 6. Expiration Date: 5/31/76

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1. Title: Cancer Control Outreach Program

2. Principal Investigator: Dr. C. W. Aungst
668 Elm Street
Buffalo, New York 14203

3. Performing Organization: Roswell Park Memorial Institute

4. Grant Number: 1-R18-CA-16411

5. Starting Date: 6/1/75 6. Expiration Date: 5/31/78

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1. Title: Cancer Control Developmental Grant

2. Principal Investigator: Dr. J. R. Durant
University of Alabama
Birmingham, Alabama 35294

3. Performing Organization: University of Alabama Cancer Center

4. Grant Number: 1-R18-CA-16409

5. Starting Date: 6/1/74 6. Expiration Date: 5/31/77

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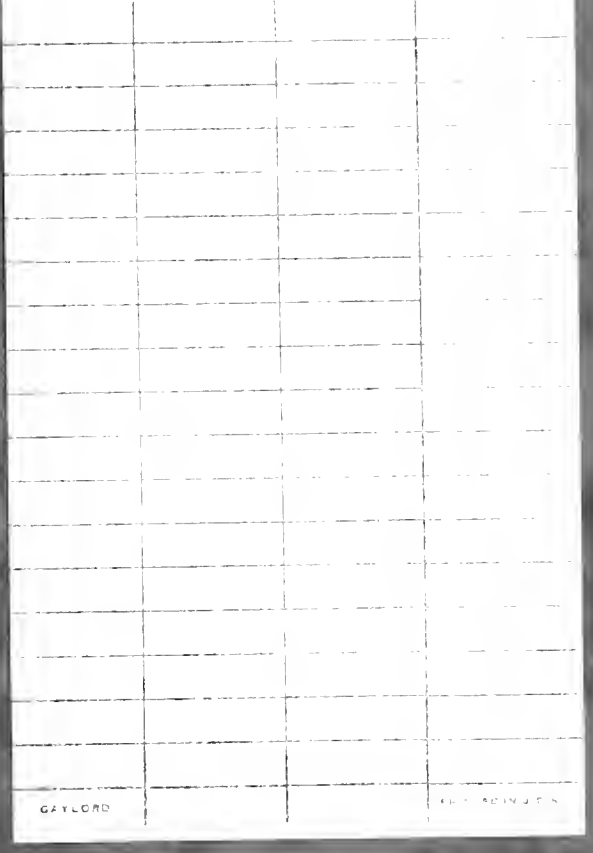

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